

SOUTH AUSTRALIA.

---

ANNUAL REPORT

OF THE

REGISTRAR-GENERAL OF BIRTHS, DEATHS,  
AND MARRIAGES.

1919.

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ADELAIDE:

BY AUTHORITY: R. E. E. ROGERS, GOVERNMENT PRINTER, NORTH TERRACE.

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# REGISTRAR-GENERAL OF BIRTHS, ETC.—ANNUAL REPORT, 1919.

Office of the Registrar-General of Births, &c., June 25th, 1920.

Sir—I have the honor to submit to you the following report on the births, deaths, and marriages registered in South Australia in the year 1919 :—

Among the outstanding features of the report, the following may be selected :—

The estimated population of the State showed an advance over that of the previous year of 22,486 ; this is the greatest increase in any one year of which there seems to be any record. The excess of births over deaths contributed 5,585 to this increase.

The number of marriages was greater by 665 than the total for 1918, and the marriage rate was the highest in Australasia.

The number of deaths owing to the influenza epidemic was easily the highest ever recorded, and the death rate was the highest for 20 years.

Owing to the small number of births and the heavy death record, the natural increase for the year was considerably below the average.

## BIRTHS, DEATHS, AND MARRIAGES IN SOUTH AUSTRALIA IN 1919.

### POPULATION.

The estimated population on December 31st, 1919, was 468,194, viz., 224,631 males and 243,563 females.

The estimated mean population was 455,768 (214,999 males and 240,769 females).

### BIRTHS.

The births in 1919 numbered 11,060, and were 297 less than in 1918, but were 789 less than the mean of the preceding five years. The birth rate was 24·27, which was lower by 1·53 than the rate for 1918.

For the purpose of comparison the birth rates of the Commonwealth, the Australian States, and New Zealand are shown for 1919 :—

Tasmania.....	25·12	Western Australia ...	21·44
New South Wales .....	24·71	Commonwealth .....	23·78
Queensland.....	26·23	New Zealand .....	21·55
South Australia .....	24·27	Victoria .....	21·57

*Metropolitan Area and Country.*—The births in the city and suburbs during 1919 numbered 5,252, equal to 21·33 per 1,000 of population, and in country districts the number was 5,808 or 27·71 per 1,000.

*Sex Proportion.*—Of the total births registered, 5,776 were male and 5,284 female, the proportion of the former to 100 of the latter being 109·31. The Commonwealth ratio in 1919 was 106·20, and in England, according to recent returns, the proportion for the five years ended with 1918 was 104·15. The proportion in 1919 for South Australia was unusually high, but it may be pointed out that 109·31 is not by any means a record for this State—in two successive years, 1887 and 1888, the proportions were 109·70 and 109·82, while in 1903 the high total of 111·29 was reached. The average decennial rates for 30 years were—1887-1896, 104·78 ; 1897-1906, 105·62 ; 1907-1916, 105·43.



The following table gives the ratio for the States and Commonwealth, and New Zealand, 1904 to 1919:—  
(Number of males to 100 females).

Year.	New South Wales.	Victoria.	Queensland.	South Australia.	Western Australia.	Tasmania.	Commonwealth.	New Zealand.
1904 .....	105.57	105.97	102.68	105.19	104.44	104.32	105.13	106.9
1905 .....	104.72	106.44	104.96	103.46	103.82	115.01	105.58	104.6
1906 .....	105.96	103.89	108.03	106.70	107.61	109.88	105.99	104.6
1907 .....	104.89	103.95	105.11	103.06	105.65	112.15	104.89	104.7
1908 .....	103.61	106.95	107.33	101.90	106.14	100.75	104.93	106.3
1909 .....	105.38	104.19	104.69	107.93	104.46	107.47	105.20	103.7
1910 .....	105.85	109.23	104.44	104.86	103.35	107.04	106.38	107.2
1911 .....	105.31	105.23	105.10	103.18	103.96	99.82	104.73	105.5
1912 .....	104.68	103.73	104.52	104.35	105.90	106.31	104.54	103.6
1913 .....	104.15	105.12	103.62	106.26	104.48	109.09	104.76	106.9
1914 .....	104.82	104.91	103.67	106.93	102.69	105.85	104.79	105.3
1915 .....	104.79	103.67	107.46	106.19	103.13	104.80	104.90	107.3
1916 .....	104.52	106.09	104.70	109.60	107.64	103.76	105.61	106.0
1917 .....	106.11	108.89	103.38	103.56	106.12	102.41	106.03	103.0
1918 .....	105.24	104.84	106.60	103.90	103.55	106.01	105.18	103.0
1919 .....	105.57	105.40	108.86	109.31	100.49	104.86	106.02	103.0
Average..	105.07	105.53	105.32	105.40	104.59	106.22	105.29	105.2

*Plural Births.*—There were in 1919, 115 cases of twin births (118 males and 112 females), two cases of triplets (5 males and 1 female), and one case of quadruplets (all males).

*Illegitimate Births.*—The births entered as illegitimate numbered 430 (226 males and 204 females), against 454 in the previous year. The percentage of illegitimate births to the total births registered during the year was (3.89).

The following table shows the percentages in the Commonwealth, the six Australian States, New Zealand, and the different parts of the United Kingdom in the years specified:—

	1910.	1911.	1912.	1913.	1914.	1915.	1916.	1917.	1918.	1919.	Mean.
Commonwealth ....	5.75	5.79	5.53	5.48	5.26	5.12	4.77	4.91	5.23	5.30	5.31
South Australia ....	4.31	4.20	4.71	4.17	3.88	3.94	3.85	3.94	4.00	3.89	4.09
New South Wales ..	6.37	6.19	5.64	5.37	5.18	5.07	4.80	4.83	5.23	5.20	5.39
Victoria .....	5.59	5.94	5.72	6.03	5.57	5.75	5.15	5.51	5.84	5.77	5.69
Queensland .....	6.38	6.40	6.14	5.53	5.86	5.41	5.04	4.89	5.35	5.74	5.67
Western Australia ..	4.13	4.48	4.39	4.46	4.20	4.24	3.75	4.15	4.04	4.21	4.21
Tasmania .....	4.92	5.03	4.78	5.01	5.75	4.96	4.52	4.87	4.98	5.99	5.08
New Zealand .....	4.48	4.09	4.28	4.23	4.59	4.14	4.02	4.10	4.56	4.65	4.31
England and Wales..	4.08	4.27	4.30	4.30	4.25	4.45	4.80	5.56	—	—	4.50
Ireland .....	2.78	2.76	2.82	2.82	2.98	3.01	3.0	3.11	—	—	2.91
Scotland .....	7.29	7.55	7.32	7.23	7.16	6.90	7.09	7.49	—	—	7.25

*Birth Rates.*—Legitimate, illegitimate, and total, per 1,000 women aged 15–45:—

Census Year.	Females, 15 to 45 Years of Age.		Births.		Births per 1,000.		Total Births to All Women, 15-45 Years of Age.
	Married.	Unmarried.	Legitimate.	Illegitimate.	Legitimate Births to Mar- ried Women, 15-45 Years of Age.	Illegitimate Births to Unmarried Women, 15-45 Years of Age.	
1891 .....	33,486	35,310	10,422	315	311.23	8.92	156.07
1901 .....	37,095	48,037	8,718	361	235.02	7.52	106.65
1911 .....	44,558	54,016	10,593	464	237.74	8.59	112.11

The illegitimate births per 1,000 unmarried and widowed women aged 15 to 45 in each State, in the Commonwealth and New Zealand in 1911, were as follows:—Queensland, 15.5; New South Wales, 14.5; Western Australia, 14.0; Commonwealth, 12.6; Tasmania, 11.9; Victoria, 10.5; New Zealand, 9.2; and South Australia, 8.5.

#### LEGITIMATION.

In 1898 an Act was passed entitled “The Legitimation Act,” making provision for the legitimation of children born before marriage on the subsequent marriage of their parents. In 1902 “The Legitimation Amendment Act,” which amended the principal Act mainly in the direction of abolishing the time limit of 30 days and allowing registration to be effected at any time after marriage, was passed. Under these Acts any child born out of wedlock whose parents afterwards marry is deemed to have been legitimated by such marriage from birth, on the birth being registered in the manner prescribed. From 1903 to 1919 the births of 550 children have been so legitimated.

NATURAL



## NATURAL INCREASE.

The natural increase or excess of births over deaths was 5,585 in 1919 against 6,967 in 1918. The natural increase, and the rate of increase for several years is shown in the following table:—

Year.	Excess Births over Deaths.	Rate of Increase per 1,000 of Population.
1901 .....	5,105	14.28
1906 .....	5,049	13.91
1911 .....	7,019	17.07
1912 .....	7,743	18.37
1913 .....	7,934	18.30
1914 .....	8,192	18.62
1915 .....	7,104	16.14
1916 .....	6,780	15.66
1917 .....	6,961	16.11
1918 .....	6,967	15.83
1919 .....	5,585	12.26

By a reference to the comparative table on page 14 the rate of increase for South Australia may be compared with that of other countries.

## DEATHS.

The deaths in 1919 numbered 5,475, an increase of 1,085 on the number for 1918. This is the greatest number ever recorded, the next highest being 5,077 in 1916.

The average number of deaths per year for each quinquennial period for 20 years is:—

1899-1903 .....	4,053	1909-1913 .....	4,173
1904-1908 .....	3,784	1914-1918 .....	4,648

The great increase in deaths in 1919 was mainly due to the virulent influenza epidemic, from which this State, in company with the rest of the Commonwealth, suffered.

Of the total deaths for 1919, 708, or 13 per cent., were of children under 1 year; 563, or 10 per cent., were over 1 year, but less than 20; 1,069, or 20 per cent., were over 20, but less than 40; 1,054, or 19 per cent., were over 40, but less than 60; and 2,081, or 38 per cent., were of 60 years and upwards.

The deaths of males were 2,927 and of females 2,548, the proportion of the former to 100 of the latter being 114.87, which was greater by 5.56 than the proportion of male to female births.

Of the total number of deaths for the year, 1,043 were registered in the first quarter, 1,668 in the second, 1,553 in the third, and 1,211 in the fourth, the mortality of the first half of the year being, contrary to what usually happens, less than that of the last.

The monthly incidence of deaths was:—More than average mortality, May, June, July, August, September, December; less than average, January, February, March, April, October, November. Maximum mortality, May, 671 deaths; minimum mortality, January, 326 deaths.

The death rate per 1,000 of the population was 12.01, which was the highest rate since 1899.

The death rate for males was 13.61, and for females 10.58.

The average death rate for the last five years was 10.90. In the other Australian States the average rates for the same period were as follows:—

Western Australia .....	9.65	Tasmania .....	9.7
Queensland ..	10.93	Victoria .....	11.41
New South Wales .....	10.13		

Death rate at certain age groups in South Australia, 1919—

Age group.	Deaths per 1,000 at each age.	Age group.	Deaths per 1,000 at each age.
Under 5 .....	17.87	35 to 44 .....	9.53
5 to 9 .....	2.77	45 to 54 .....	11.74
10 to 14 .....	1.69	55 to 64 .....	29.62
15 to 19 .....	2.52	65 to 74 .....	51.29
20 to 24 .....	4.02	75 and upwards .....	130.96
25 to 34 .....	7.76	All ages .....	12.01

*Deaths—Metropolitan and Country.*—The deaths in the metropolitan area numbered 3,334, equal to 13.54 per 1,000, and those in the remainder of the State totalled 2,141, or 10.21 per 1,000 of the population.

*Causes of Death.*—Arranged in their respective divisions and numbers, the causes of death in 1919 and the previous year were as follows:—

	Year 1918.	Year 1919.
I. { (A) Epidemic General Diseases .....	188	670
(B) Other General Diseases .....	952	1,062
II. to IX. Local Diseases .....	2,123	2,522
X. Malformations .....	55	64
XI. Infancy, Diseases peculiar to .....	309	315
XII. Old Age .....	409	449
XIII. External Causes (Violence, &c.) .....	273	294
XIV. Ill-defined Diseases or Causes .....	81	99

The great addition to the figures for epidemic diseases over those for 1918 was due entirely to the influenza outbreak.

In other general diseases, increases are shown by cancer and tuberculosis.

In local diseases the extra 400 deaths are accounted for by increases in cerebral hæmorrhage, diarrhœa, and respiratory diseases.

As very full particulars are given in the tables accompanying this report respecting the different causes of death specified in them, it is considered necessary to refer specially here to only some of those in the epidemic general division and a few of the other causes.

*Typhoid Fever.*—There were 17 deaths (10 males and 7 females) from typhoid fever, being more by 8 than the number recorded in 1918.

The following table shows the death rates from this disease per 1,000 of the mean population in quinquennial averages for thirty-five years, and yearly rates from 1917 to 1919 :—

Years.	Average Rate.	Years.	Average Rate.
1882-1886.....	0.43	1917 .....	0.07
1887-1891.....	0.35	1918 .....	0.02
1892-1896.....	0.24	1919 .....	0.04
1897-1901.....	0.28		
1902-6 .....	0.15	Mean 1917-1919 .....	0.04
1907-11 .....	0.08		
1912-16.....	0.11		

For comparison it may be stated that in England, according to the returns of the Registrar-General, the rate in 1917 was 0.03, and the mean annual rate for the quinquennium ended with that year 0.04, while recent returns give the rates in the other Australian States and New Zealand, as follows :—

Tasmania .....	1918 ..	0.05	Queensland .....	1918 ..	0.08
Western Australia .....	1918 ..	0.07	Victoria .....	1918 ..	0.03
New South Wales .....	1918 ..	0.06	New Zealand .....	1918 ..	0.03

There was only one death in this State from typhoid fever in 1919 of a child under 5 years of age, and there were 3 deaths of persons over 45. Of the 17 deaths, 7 occurred in the four districts forming "Adelaide and suburbs" (that is, Adelaide, Norwood, Hindmarsh, and Port Adelaide), none in the districts south of Adelaide district, and the remaining 10 in the other parts of the State.

Twelve of the deaths from typhoid fever in 1919 were distributed over the first six months of the year, with the exception of the months of January and June.

*Scarlet Fever, Measles.*—In 1919 there were 8 deaths from scarlet fever, against 9 in the previous year, and 9 deaths from measles, against 1 in 1918.

*Whooping Cough.*—There were 11 deaths, against 5 in 1918. The number of deaths from this disease varies considerably; in 1913 there were 70 deaths, in 1912 there was only 1. The average number for the five years 1915-1919 was 21.

*Diphtheria and Croup.*—The deaths from diphtheria totalled 82 (48 males and 34 females), being less by 4 than were recorded in 1918. Fourteen of the deaths were of persons over 10 years of age.

Judging from the returns of several years, it would seem that though no age protects a person from liability to attack from this malady, the mortality from it is chiefly confined to children. Eighty-three per cent. of the deaths in 1919 were of children under 10 years old. Of the total deaths from diphtheria, 55 were registered in "Adelaide and suburbs," 6 in the districts south of the Adelaide district, and the remaining 21 in the other parts of the State.

For the 15 years ended with 1909 the State had been comparatively free from diphtheria, and the deaths in this period were very few. Between the years 1881 and 1894, however, the disease was prevalent and the death rate was high.

The following table shows the death rates per 1,000 of population in quinquennial periods :—

1881-1885.....	0.57	1906-1910.....	0.04
1886-1890.....	0.50	1911-1915.....	0.16
1891-1895.....	0.40	1916 .....	0.33
1896-1900.....	0.11	1917 .....	0.20
1901-1905.....	0.07	1918 .....	0.20

The death rate for 1919 was 0.18.

*Influenza.*—During the year under review an epidemic of influenza, similar to that which was world wide in 1918 and 1919, made its appearance in South Australia—532 deaths (303 males and 229 females) were directly caused by the epidemic, and some hundreds more in which some other disease was registered as the cause, but which were attributable to the effects of influenza. Of the 532 deaths, 484 occurred in the six months from April to September, and only 48 in the other six months of the year. The previous worst outbreak of influenza in the State was in 1899, in which year 218 deaths occurred. The average number of deaths per year is shown for the following periods :—

Period.	Average Deaths per Year.	Period.	Average Deaths per Year.
1891-1895 .....	86	1906-1910 .....	36
1896-1900 .....	79	1911-1915 .....	18
1901-1905 .....	35	1916-1918 .....	32

The increased number of deaths in 1919 from the following diseases may be directly attributable to the effects of influenza :—

	1918.	1919.
Bronchitis .....	123	137
Brocho-pneumonia .....	59	85
Pneumonia .....	150	281
Diarrhœa (gastro intestinal type of influenza).....	173	323
	<u>505</u>	<u>826</u>

The



The deaths in the other States of the Commonwealth from influenza in 1919 were as follows:—

New South Wales .....	6,387	Western Australia .....	538
Victoria .....	3,530	Tasmania .....	225
Queensland .....	830		

The epidemic made its appearance in New Zealand in the latter part of 1918, and caused 5,516 deaths in that year and 346 in 1919.

In England and Wales about 100,000 deaths from influenza were registered in the last quarter of 1918, and nearly 40,000 more in the first quarter of 1919. In the United States the deaths during 1918 were estimated as being between 450,000 and 600,000.

*Tuberculosis of the Lungs.*—The deaths from this disease were 342 (171 males and 171 females), being more by 18 than the number registered in 1918. Of the total deaths from all causes 6·25 per cent. were attributed to this disease, against 7·38 in the previous year, while the proportion of deaths per 1,000 of the mean population was 0·75, against 0·74 in 1918.

The following table shows the proportions for the last thirty years:—

1890 .....	0·94	1906 .....	0·85
1891 .....	1·04	1907 .....	0·80
1892 .....	0·95	1908 .....	0·94
1893 .....	1·02	1909 .....	0·83
1894 .....	1·05	1910 .....	0·74
1895 .....	0·98	1911 .....	0·68
1896 .....	0·89	1912 .....	0·75
1897 .....	0·89	1913 .....	0·77
1898 .....	0·91	1914 .....	0·65
1899 .....	0·89	1915 .....	0·78
1900 .....	0·84	1916 .....	0·79
1901 .....	0·85	1917 .....	0·79
1902 .....	0·82	1918 .....	0·74
1903 .....	0·83	1919 .....	0·75
1904 .....	0·81		
1905 .....	0·78	Mean .....	0·85

The average rate for the first fifteen years of the above period works out at 0·91; for the second fifteen it is only 0·77.

In England the proportion in 1917 was 1·23, being above the mean annual rate (1·12) for the quinquennium ended with that year.

For comparison, the death rates from phthisis of the six Australian States and New Zealand, as shown in recent returns, are here appended:—

Victoria .....	1918 ..	0·70	New Zealand .....	1918 ..	0·60
South Australia .....	1918 ..	0·74	New South Wales .....	1918 ..	0·57
Western Australia .....	1918 ..	0·79	Tasmania .....	1918 ..	0·44
Queensland .....	1918 ..	0·52			

The deaths from tuberculosis of the lungs in the metropolitan area numbered 260, equal to a rate of 1·05 per 1,000 of population, and in country districts 82 deaths occurred, or 0·32 per 1,000.

*All Tubercular Diseases.*—The deaths from all forms of tuberculosis numbered ~~488~~ <sup>401</sup> (213 males and 225 females), equal to a rate of 0·88 per 1,000, against 370, or 0·84 per 1,000, in the previous year, and an average of 400 deaths for the last five years.

*Cancer.*—The deaths from cancer (including all malignant new growths) numbered 438 (213 males and 225 females), an increase of 60 on those registered in 1918. The proportion of deaths from this disease to the total deaths from all causes was 8·0 per cent., against 8·61 in 1918, while the rate per 1,000 of the mean population was 0·96, against 0·86 in the previous year.

For the last thirty years the rates were as follows:—

1890 .....	0·41	1906 .....	0·77
1891 .....	0·49	1907 .....	0·73
1892 .....	0·46	1908 .....	0·71
1893 .....	0·51	1909 .....	0·80
1894 .....	0·48	1910 .....	0·80
1895 .....	0·48	1911 .....	0·74
1896 .....	0·54	1912 .....	0·77
1897 .....	0·54	1913 .....	0·83
1898 .....	0·53	1914 .....	0·85
1899 .....	0·58	1915 .....	0·89
1900 .....	0·59	1916 .....	0·82
1901 .....	0·60	1917 .....	0·88
1902 .....	0·75	1918 .....	0·86
1903 .....	0·73	1919 .....	0·96
1904 .....	0·63		
1905 .....	0·69	Mean .....	0·68

The average rate for the fifteen years 1890-1904 is 0·55; for the term 1905-1919, it is 0·81, showing an increase in the latter period over the former of 47 per cent.

In England the proportion in 1917 was 1·21, which was above the mean annual rate (1·13) for the quinquennium ended with that year, and was the highest ever recorded there. For comparison, the rates of the six Australian States and New Zealand, as shown in recent returns, are here appended:—

Victoria .....	1918 ..	0·94	New South Wales .....	1918 ..	0·84
New Zealand .....	1918 ..	0·85	Queensland .....	1918 ..	0·84
South Australia .....	1918 ..	0·86	Western Australia .....	1918 ..	0·70
Tasmania .....	1918 ..	0·71			



All the deaths in South Australia in 1919 from cancer, except 14, were of persons over 30 years of age.

In England the mortality from cancer has always been very much less amongst the male than amongst the female portion of the population. For instance, in the quinquennium ended with 1917 the average annual death rates there from this disease, per 1,000 of the mean population of each sex, were 1·09 and 1·17 respectively. In this State, the average rate of mortality is about the same for each sex, as the following table will show:—

	Male Rate.	Female Rate.		Male Rate.	Female Rate.
1892 .....	0·52	0·39	1907 .....	0·71	0·73
1893 .....	0·51	0·51	1908 .....	0·71	0·68
1894 .....	0·48	0·48	1909 .....	0·78	0·81
1895 .....	0·49	0·47	1910 .....	0·78	0·81
1896 .....	0·56	0·51	1911 .....	0·71	0·77
1897 .....	0·62	0·45	1912 .....	0·81	0·73
1898 .....	0·55	0·51	1913 .....	0·87	0·85
1899 .....	0·59	0·57	1914 .....	0·78	0·92
1900 .....	0·58	0·61	1915 .....	0·91	0·88
1901 .....	0·53	0·63	1916 .....	0·89	0·76
1902 .....	0·70	0·79	1917 .....	1·00	0·78
1903 .....	0·73	0·71	1918 .....	0·95	0·78
1904 .....	0·63	0·63	1919 .....	0·99	0·93
1905 .....	0·65	0·72			
1906 .....	0·75	0·77	Mean .....	0·71	0·69

*Diabetes.*—Seventy-one deaths (33 males and 38 females) were attributed to this disease in 1919, against 72 in 1918. Most of the deaths occur after middle life; of the above total 57 were of persons over 45 years of age.

*Meningitis* caused 31 deaths (22 males and 9 females) during the year, against 38 in 1918. The ordinary form of this disease is principally confined to children and young people; 19 out of the total deaths were of children under 5 years of age. Included in these 31 deaths were 6 (5 males and 1 female) from epidemic cerebro-spinal meningitis; this disease made its appearance in the second half of the year 1915, and caused 57 deaths in five months; 58 deaths in 1916; 19 deaths in 1917; and 10 deaths in 1918.

*Cerebral Hæmorrhage and Apoplexy.*—These diseases caused 253 deaths (119 males and 134 females) in 1919, against 179 (92 males and 87 females) in 1918.

*Diseases of the Heart.*—Of the total deaths from all causes registered in 1919, 555 (or 10 per cent.) were attributed to one or other of the diseases of the heart shown in the abstracts, as against 561 in 1918.

*Bronchitis.*—One hundred and thirty-seven deaths (58 males and 79 females) were ascribed to bronchitis, being 14 more than in 1918.

*Pneumonia.*—The deaths assigned to pneumonia, including broncho-pneumonia, numbered 366, 199 being of males and 167 of females. The total was 157 more than that of 1918.

*Bright's Disease.*—The deaths caused by chronic nephritis or Bright's disease numbered 185 in 1919, and 192 in 1918, and from acute nephritis the respective numbers were 7 and 10.

*Diarrhœa and Enteritis.*—The deaths attributed to these diseases numbered 323, against 173 in 1918.

*Diseases and Accidents of Pregnancy and Childbirth.*—The deaths ascribed in 1919 to these causes were 55, against 44 in the previous year. The proportion which deaths from these causes bore to 1,000 registered births was 4·97, against 3·87 in 1918. The following table shows the proportions in South Australia, Victoria, and England in the periods specified:—

	South Australian Rate.	Victorian Rate.	English Rate.
1882-1886 .....	4·52	6·24	4·84
1887-1891 .....	4·25	5·09	4·72
1892-1896 .....	5·19	5·28	5·44
1897-1901 .....	4·94	6·01	4·64
1902-1906 .....	4·82	5·87	4·13
1907-1911 .....	4·97	4·54	3·71
1912-1916 .....	4·56	4·22	4·30
1917 .....	4·06	4·06	3·89
1918 .....	3·87	3·39	—
1919 .....	4·97	4·24	—

*Principal Diseases Affected by the Seasons.*—The following table shows the monthly incidence of deaths from diseases, the severity of which is affected by the variety of the seasons:—

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Typhoid fever .....	—	4	3	3	2	—	—	1	—	—	1	3	17
Diphtheria .....	7	2	5	11	5	9	13	10	10	2	4	4	82
Influenza .....	—	3	6	42	135	130	45	69	63	29	8	2	532
Phthisis .....	25	20	27	25	31	31	30	40	39	18	21	35	342
Bronchitis .....	3	7	5	13	18	12	15	17	17	16	7	7	137
Pneumonia .....	11	14	17	24	48	36	43	43	52	35	22	21	366
Diarrhœa and Dysentery .....	23	26	37	39	52	33	17	10	8	10	20	48	323
Bright's Disease .....	13	6	15	13	18	14	20	14	23	18	18	13	185

*External Causes.*—Of the deaths for the year, 294 (232 males and 62 females), or 5·4 per cent. of the total, were due to violence. This was equal to a rate of 0·65 per 1,000. The rate amongst males is about four times as great as for females, the respective proportions being 1·08 and 0·26. The number for the year was higher than that for 1918, which was 273.

The greater part of the deaths from violence were due to various forms of accident, principally—drowning, 50; falls, 47; crushing, 77; and burns, 28.

Suicides numbered 39 (34 males and 5 females), being less by 9 than in 1918. The average annual number of suicides for the last 10 years was 42. The rate per 1,000 living in 1919 was 0·09. For comparison it may be stated that the proportion for the Commonwealth in 1917 was 0·10, while the most recent returns available give the figures for the undermentioned countries as follows:—

England and Wales (1917) .....	0·06	Ireland (1916) .....	0·02
Scotland (1916) .....	0·05	United States (1915) .....	0·17

*Infantile Mortality.*—The deaths of infants under 1 year of age numbered 708 (390 males and 318 females), against 582 in 1918, and were in the proportion of 6·40 to 100 births registered. From 1890 to 1919 the proportions were as follows:—

1890 .....	9·65	1906 .....	7·58
1891 .....	9·09	1907 .....	6·56
1892 .....	9·69	1908 .....	6·99
1893 .....	11·65	1909 .....	6·12
1894 .....	9·39	1910 .....	7·01
1895 .....	9·49	1911 .....	6·05
1896 .....	10·14	1912 .....	6·16
1897 .....	10·91	1913 .....	7·01
1898 .....	13·99	1914 .....	7·60
1899 .....	11·16	1915 .....	6·73
1900 .....	9·96	1916 .....	7·36
1901 .....	10·01	1917 .....	5·37
1902 .....	9·38	1918 .....	5·12
1903 .....	9·68	1919 .....	6·46
1904 .....	7·00		
1905 .....	7·28	Mean .....	8·00

A comparison of the two periods 1890-1904 and 1905-1919 shows a very gratifying improvement in the latter term; the average rate for the first fifteen years in the above table is 10·08, for the second it is only 6·62, a decline of 34 per cent.

For the metropolitan area the rate was 6·66, as against 6·16 for the remainder of the State.

The following tables show the infantile mortality in Australasia and in various other countries, and it will be seen that as far as can be ascertained from published figures South Australia has one of the lowest rates in the world:—

#### INFANTILE MORTALITY IN AUSTRALASIA.

*Deaths under 1 Year per 100 Births.*

Year.	South Australia.	New Zealand.	Queensland.	New South Wales.	Victoria.	Tasmania.	Western Australia.
1907 .....	6·56	8·89	7·72	8·86	7·26	8·28	9·77
1908 .....	6·99	6·79	7·03	7·60	8·61	7·52	8·47
1909 .....	6·12	6·16	7·19	7·43	7·13	6·49	7·80
1910 .....	7·01	7·06	6·31	7·46	7·69	10·17	7·80
1911 .....	6·05	5·63	6·55	6·95	6·87	7·37	7·62
1912 .....	6·16	5·12	7·14	7·13	7·45	6·66	8·21
1913 .....	7·01	5·92	6·33	7·83	7·05	7·07	7·00
1914 .....	7·60	5·14	6·39	6·97	7·83	7·16	6·82
1915 .....	6·73	5·01	6·40	6·81	6·88	7·22	6·66
1916 .....	7·36	5·07	7·04	6·78	7·46	7·50	6·66
1917 .....	5·37	4·82	5·42	5·76	5·67	5·23	5·71
1918 .....	5·12	4·83	5·69	5·92	6·17	6·08	5·73
1919 .....	6·40	4·57	7·24	7·23	6·80	6·46	6·13
Average 1907-1919 ....	6·50	5·77	6·65	7·13	7·14	7·17	7·26

#### INFANTILE MORTALITY IN VARIOUS COUNTRIES.

Russia (European) .....	24·6	Bulgaria .....	16·2	Ireland .....	9·1
Austria .....	19·7	Belgium .....	14·1	Sweden .....	7·2
Roumania .....	19·3	Ontario, Province of .....	11·0	Western Australia .....	7·4
Hungary .....	20·0	France .....	11·0	Tasmania .....	7·2
German Empire .....	16·4	Switzerland .....	10·2	New South Wales .....	7·1
Prussia .....	16·6	The Netherlands .....	9·9	Victoria .....	7·2
Spain .....	16·5	United Kingdom .....	10·8	Norway .....	6·7
Italy .....	14·3	England and Wales .....	11·0	Queensland .....	6·6
Japan .....	15·7	Scotland .....	11·3	New Zealand .....	5·8
Servia .....	15·4	Denmark .....	9·7	South Australia .....	6·6

The rates in this table for countries outside Australasia are for the average of the latest five years available.

In



In the following table the infantile mortality of South Australia in 1919 is numerically shown in divisions and in four age-periods:—

Division.	Causes of Death.	Ages at Death.										
		Totals.			Under 1 Month.		1—3.		3—6.		6—12.	
		M.	F.	Total.	M.	F.	M.	F.	M.	F.	M.	F.
	Total .....	390	318	708	189	148	61	48	54	54	86	68
I. { (A).	Epidemic General Diseases .....	12	6	18	—	2	3	1	3	2	6	1
II. to IX. { (B).	Other General Diseases .....	5	6	11	—	3	—	1	2	1	3	1
	Local Diseases .....	158	141	299	16	12	34	28	42	44	66	57
	X. Malformations .....	31	24	55	18	12	9	7	1	3	3	2
	XI. Infancy, Diseases peculiar to ...	178	137	315	154	117	15	11	5	4	4	5
	XIII. External Causes (Violence, &c.)..	6	4	10	1	2	—	—	1	—	4	2
	XIV. Ill-defined Diseases or Causes ..	—	—	—	—	—	—	—	—	—	—	—

This table shows that the mortality is heaviest amongst children under 1 month old, amounting to 48 per cent. of the total.

Of the 337 infants who died before completing 1 month, 121 were less than one day old, 245 died before the end of the first week, 43 more before the end of the second week, and 23 more before the end of the third week.

The chief causes of deaths of infants during the year were :—Prematurity, congenital debility, and malformations, 370, or 52 per cent. of the total; diarrhoea and enteritis, 200, or 29 per cent.; bronchitis and pneumonia, 62; convulsions, 11.

Death rates of legitimate and illegitimate children compared :—Deaths under 1 year per 1,000 births—Legitimate, 61·23; illegitimate, 132·56.

#### DEATHS OF CHILDREN UNDER FIVE YEARS OF AGE, AND PERCENTAGE TO TOTAL DEATHS.

Year.	Number of Deaths.						Percentage to Total Deaths.
	Under 1 Year.	1 and Under 2.	2 and Under 3.	3 and Under 4.	4 and Under 5.	Total Under 5.	
1914.....	981	121	51	27	23	1,203	25·53
1915.....	794	130	40	39	36	1,039	22·13
1916.....	873	195	84	43	51	1,246	24·54
1917.....	608	99	56	38	30	831	19·04
1918.....	582	85	46	26	38	777	17·70
1919.....	708	121	57	31	34	951	17·37

#### INDEX OF MORTALITY.

In the annual report for 1902 a very full explanation was given respecting the nature of and the method of calculating the adjusted death rates, known amongst the statisticians of the Commonwealth States and New Zealand as “indexes of mortality.”

The following table shows the index of mortality rates and the corresponding ordinary or crude death rates for South Australia for the last twelve years :—

Index of Mortality.		Ordinary Death Rate.	
1908.....	12·42	1908.....	10·14
1909.....	11·82	1909.....	9·74
1910.....	12·27	1910.....	10·09
1911.....	12·14	1911.....	9·82
1912.....	12·77	1912.....	10·28
1913.....	13·24	1913.....	10·82
1914.....	13·01	1914.....	10·71
1915.....	13·08	1915.....	10·67
1916.....	14·34	1916.....	11·73
1917.....	12·67	1917.....	10·10
1918.....	12·53	1918.....	9·97
1919.....	14·59	1919.....	12·01

#### REGISTRATION OF DEATHS IN WAR ACT.

The preceding paragraphs relating to deaths refer of course only to deaths which occurred in the State. In addition to these, 433 deaths of persons who died outside the State on service during the war, were registered during the year.

#### MARRIAGES.



## MARRIAGES.

*Conjugal Condition.*—The proportion of married persons in South Australia is about one-third of the total population, as may be seen from the following statement which shows the conjugal condition of the people at the time of the Census of 1911 :—

Conjugal Condition.	Number.			Proportion per cent.		
	Males.	Females.	Total.	Males.	Females.	Total.
Never Married .....	132,342	119,330	251,672	63·82	59·32	61·60
Married .....	69,102	69,385	138,487	33·32	34·48	33·90
Widowed .....	5,627	12,334	17,961	2·71	6·15	4·40
Divorced .....	93	62	155	—	—	—
Not Stated .....	194	89	283	—	—	—
	207,358	201,200	408,558	100·00	100·00	100·00

The number of marriages celebrated in 1919 was 3,855, against 3,190 in 1918, and it was the highest number since 1915, equivalent to a rate of 8·46 per 1,000.

The South Australian marriage rate for 1919 was the highest in Australasia; the rates for the other States and New Zealand are shown below :—

New South Wales .....	8·06	New Zealand .....	8·38
Queensland .....	7·62	Western Australia .....	6·78
Tasmania .....	7·16	Victoria .....	7·98

The marriages celebrated in the first quarter of the year numbered 744; in the second, 943; in the third, 984; and in the fourth, 1,184.

Table 9, accompanying this report, gives detailed information as to the ages of the persons married, and shows how many of them were bachelors or widowers, spinsters or widows, and how many were unable to write their names.

*Marriage of Minors.*—The number of persons under 21 years of age married during 1919 was 700, or 9·08 per cent. of the total.

The proportion per 1,000 marriages of brides and bridegrooms marrying under age was—Brides, 147·84; bridegrooms, 34·24. In England the figures for 1917 were—Brides, 134·2; bridegrooms, 41·7.

## MEAN AGE AT MARRIAGE.

Year.	Mean Age of Bridegrooms.	Mean Age of Brides.
1908 .....	28·86	25·44
1909 .....	28·46	25·50
1910 .....	28·95	25·51
1911 .....	28·69	25·34
1912 .....	28·52	25·49
1913 .....	28·42	25·53
1914 .....	28·31	25·22
1915 .....	28·48	25·36
1916 .....	28·92	26·14
1917 .....	29·40	25·79
1918 .....	29·48	25·61
1919 .....	29·34	25·96

The following were the average ages in England, Commonwealth, some Australian States, and New Zealand :—

	Year.	Men.	Women.
England .....	1917	30·04	27·27
Commonwealth .....	1918	29·55	26·11
Victoria .....	1917	30·51	26·95
New Zealand .....	1918	31·57	27·16
New South Wales .....	1918	29·5	25·5
Queensland .....	1917	28·86	24·88

Amongst the persons married during the year 28 (18 men and 10 women) described themselves as divorced.

The number of marriages celebrated according to the ceremonies of, and the number of ministers for, each religious denomination and the number of civil marriages are shown in the following statement :—

Denomination.	Number of Ministers.	Number of Marriages.	Denomination.	Number of Ministers	Number of Marriages.
Methodist .....	206	1,199	Seventh Day Adventist .....	5	9
Church of England .....	129	946	Unitarian .....	1	1
Roman Catholic .....	95	485	Jewish .....	1	1
Baptist .....	71	268	Latter Day Saints .....	1	2
Congregationalist .....	51	189	Greek Orthodox .....	1	1
Church of Christ .....	47	190	Free Presbyterian .....	1	—
Lutheran .....	60	170	City Mission .....	1	2
Presbyterian .....	43	191	Civil Marriages—		
Salvation Army .....	21	39	Officiating Registrars .....	9	13
Christian Brethren .....	2	17	Registrars .....	30	132

It is a well-known fact that the marriage rate very quickly responds to changes in economic conditions, and the rise or fall in marriage rates, or in the value of exports or imports, is generally regarded as being in some degree indicative of a corresponding change in the prosperity of a country. The following table shows the variations in quinquennial periods from 1881 to 1910, and year after year from 1911 to 1919, in such rates and values in South Australia :—

Year.	Marriage Rate per 1,000 of Mean Population.	Value per Head of Mean Population.		
		Imports Retained for Home Consumption.	Exports of South Australian Produce.	Imports and Exports United.
		£ s. d.	£ s. d.	£ s. d.
1881-1885 .....	8·43	16 2 3	14 5 4	30 7 7
1886-1890 .....	6·73	10 14 10	12 6 10	23 1 8
1891-1895 .....	6·46	8 9 5	10 19 3	19 8 8
1896-1900 .....	6·26	7 14 4	9 1 1	16 15 5
1901-1905 .....	6·74	10 15 8	14 5 0	25 0 8
1906-1910 .....	8·32	16 1 8	22 7 3	38 8 11
1911* .....	9·81	15 3 9	24 14 10	39 18 7
1912* .....	9·62	16 10 9	22 16 1	39 6 10
1913* .....	9·44	16 18 11	22 12 6	39 11 5
1914* .....	9·11	13 17 11	15 15 5	29 13 4
1915* .....	9·01	10 1 1	10 3 2	20 4 3
1916* .....	8·32	13 15 1	15 17 11	29 13 0
1917* .....	7·52	11 0 4	16 15 7	27 15 11
1918* .....	7·25	11 2 9	13 3 6	24 6 3
1919 .....	8·46	13 14 10	37 7 2	51 2 0

\* Owing to the cessation of the records of inter-State trade, only the value of oversea imports and exports can be given since 1909.

It is the opinion of statisticians that if through a series of years the number of marriages in each year be compared with the number of legitimate births in the following year, a very fair estimate can be obtained of the average number of children born to each married couple. Although the figures of a long series of years are required to demonstrate the correctness of this opinion, it is generally only necessary to examine those of a few years to obtain estimates that may be relied on. The following figures show the proportion of births to each marriage in South Australia for thirty years, in each instance the births, compared being for the year given and the marriages for the year before :—

1887-1891 .....	4·98	1912-1916 .....	2·94
1892-1896 .....	4·74	1917 .....	3·02
1897-1901 .....	4·17	1918 .....	3·35
1902-1906 .....	3·53	1919 .....	3·33
1907-1911 .....	3·08		

ADELAIDE AND SUBURBS.

By “Adelaide and suburbs” is meant an area consisting of the four registration districts of Adelaide, Hindmarsh, Norwood, and Port Adelaide. Within this area (which is 262 square miles in extent) there are, in addition to the city of Adelaide, the city of Unley, and the city of Port Adelaide, seven corporate towns, and many other towns and villages. The estimated population of Adelaide and suburbs on December 31st, 1919, was 256,660 (115,498 males and 141,162 females). The estimated mean population of the year was 246,206 (108,696 males and 137,510 females). The births registered during the year numbered 5,252 (2,763 males and 2,459 females); the deaths, 3,334 (1,740 males and 1,594 females); and the marriages, 2,378. The births were less by 216, the deaths more by 677, and the marriages more by 550 than those recorded in the previous year. The birth rate per 1,000 of the mean population was 21·33, the death rate 13·54, and the marriage rate 9·66. The birth rate was lower by 2·94, the death rate higher by 1·53, and the marriage rate higher by 1·20 than the corresponding rates for the State. The birth, death, and marriage rates for twenty years in quinquennial periods and for the years 1917-19 are here appended :—

	Births.		Deaths.		Marriages.
1897-1901 .....	25·84	....	14·19	....	7·64
1902-1906 .....	22·87	....	12·41	....	7·72
1907-1911 .....	25·06	....	11·99	....	10·62
1912-1916 .....	27·79	....	12·69	....	11·13
1917 .....	24·15	....	11·57	....	8·32
1918 .....	23·72	....	11·52	....	7·93
1919 .....	21·33	....	13·54	....	9·66

The following table shows the average rates of infantile mortality in Adelaide and suburbs in the periods specified—that is, the proportion of deaths of children under 1 year of age to 100 births registered :—

1887-1891 .....	12·13	1912-1916 .....	7·76
1892-1896 .....	11·87	1917 .....	6·07
1897-1901 .....	13·11	1918 .....	5·49
1902-1906 .....	9·38	1919 .....	6·66
1907-1911 .....	7·43		

It will be seen that in every one of these periods the rate was higher than the corresponding rate for the whole State shown in a previous table. It will be seen, too, that, as happened also in the case of the whole State, the rates since 1903 showed a remarkable decline.

For



For comparison, the birth and death rates (inclusive, at least as far as the first six towns are concerned, of all births and deaths in public institutions) per 1,000 of the mean population of the Australasian capital cities and suburbs and of several of the largest towns in Great Britain are here given. The figures for the British towns have been taken from the returns of the Registrar-General of England, while those for the Australasian capitals have for the most part been extracted from special returns, which, on application, were supplied to this office by the statistical authorities of the different Australian States and New Zealand:—

		Births.	Deaths.			Births.	Deaths.
Adelaide.....	1919 ..	21·33	13·54	Liverpool .....	1916 ..	28·05	18·55
Melbourne .....	1919 ..	22·57	15·57	Birmingham .....	1916 ..	23·91	13·80
Sydney .....	1919 ..	23·05	14·69	Leeds .....	1916 ..	21·43	15·32
Brisbane.....	1919 ..	28·51	15·63	Edinburgh .....	1916 ..	17·47	14·62
Hobart .....	1919 ..	32·15	15·70	Glasgow .....	1916 ..	24·82	15·20
Wellington .....	1919 ..	21·13	11·14	Dublin .....	1916 ..	25·18	23·35
Greater London .....	1916 ..	22·42	13·02	Belfast .....	1916 ..	24·14	16·66
Manchester .....	1916 ..	22·67	15·45				

CITY OF ADELAIDE.

The estimated population of the city on December 31st, 1919, was 43,164 (19,910 males and 23,254 females). The births registered in 1919 numbered 961, being less by 34 than those of the previous year; and the deaths 1,324, being more by 269 than those of the previous year. In several of the numbered tables accompanying this report (particularly tables 14, and 15) will be found statistics referring specially to the city.

The statistical authorities of the different Australian States and New Zealand do not agree as to how far births and deaths occurring in public institutions, such as hospitals, asylums, gaols, &c., should be included, or whether any of them at all should be included, in the calculation of the birth and death rates of cities or other large towns. Nor, in reference to this matter, are they agreed as to what institutions should be comprehended under the description “public,” some giving a much wider meaning to the term “public institutions” than others do. The only comparison, therefore, that can be conveniently made between the birth and death rates of the city of Adelaide and those of other large Australasian towns is one between the rates inclusive of all births and deaths in public institutions. The following figures show the rates per 1,000 of mean population in the towns named, exclusive of suburbs. They are in all cases the rates inclusive of all births and deaths in public institutions:—

		Births.	Deaths.			Births.	Deaths.
Adelaide .....	1919 ..	22·93	31·60	Hobart .....	1919 ..	36·33	18·12
Melbourne .....	1919 ..	31·70	32·01	Launceston .....	1919 ..	38·01	21·71
Bendigo .....	1919 ..	29·29	22·69	Wellington .....	1919 ..	20·15	11·50
Ballarat .....	1919 ..	24·18	19·38	Dunedin.....	1919 ..	17·17	11·87
Geelong .....	1919 ..	26·61	14·71	Auckland .....	1919 ..	20·11	11·85
Brisbane .....	1919 ..	34·63	32·97				

The marriages celebrated in the city of Adelaide in 1919 numbered 944. The marriage rate per 1,000 of the mean population was 22·53. It is probable, however, that not half of the persons married in the city had their usual residence therein.

CORPORATE TOWNS.

In table No. 17 accompanying this report will be found the usual statistics with respect to the populations, births, and deaths of twenty-four corporate towns, including the city of Adelaide. The birth and death rates per 1,000 of mean population in the towns referred to in the table, taken in groups, were as follows:—

	Births, 1919.	Deaths, 1919.
Municipality of Adelaide .....	22·93	31·60
Nine suburban corporate towns .....	21·26	9·00
Fourteen outside corporate towns .....	46·86	19·31
Twenty-four towns collectively .....	26·24	15·48

AREA OF SOUTH AUSTRALIA.

Acres .....	243,244,800	Square Miles .....	380,070
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COMPARATIVE STATISTICS.

The following tabular statement shows the rates of births, deaths, marriages and natural increase per 1,000 of mean population in the Commonwealth, the Australian States, New Zealand, the different parts of the United Kingdom, and several other countries. The figures in the first eight lines have been taken from the returns of the statistical authorities of the different places named—for the most part from returns which,



which, on application, were specially supplied to this office. The remainder of the figures have either been extracted unaltered or been deduced by calculation from the returns of the Registrar-General of England, who obtains his information respecting other countries from the several official authorities of those countries:—

Country.	Year.	Births.	Deaths.	Marriages.	Natural Increase.
Commonwealth .....	1919	23·78	12·82	7·88	10·96
South Australia .....	1919	24·27	12·01	8·46	12·26
Victoria .....	1919	21·56	13·21	7·98	8·35
New South Wales .....	1919	24·68	13·40	8·04	11·28
Queensland .....	1919	26·23	12·42	7·62	13·81
Western Australia .....	1919	21·44	11·10	6·78	10·34
Tasmania .....	1919	25·12	10·37	7·16	14·75
New Zealand .....	1919	21·55	9·51	8·38	12·04
United Kingdom (as a whole) .....	1917	18·2	14·7	6·6	3·5
England and Wales .....	1917	17·8	14·4	6·9	3·4
Ireland .....	1917	19·9	18·8	4·9	3·1
Scotland .....	1917	20·1	14·3	6·3	5·18
Canada (Province of Ontario) .....	1915	24·2	12·0	8·5	12·2
France .....	1914	18·0	19·6	5·1	— 1·6
The German Empire .....	1913	27·5	15·0	7·7	12·5
Prussia separately .....	1912	28·9	15·5	8·0	13·4
Austria .....	1912	31·3	20·5	7·4	10·8
Italy .....	1914	31·1	17·9	7·1	13·2
Switzerland .....	1915	22·2	15·6	9·1	6·6
Belgium .....	1912	22·6	14·8	8·0	7·8
The Netherlands .....	1915	26·2	12·4	6·6	13·8
Norway .....	1915	23·8	13·3	6·6	10·5
Sweden .....	1915	21·6	14·6	5·8	7·0
Denmark .....	1915	24·2	12·8	6·9	11·4
Hungary .....	1912	36·3	23·3	8·6	13·0
Spain .....	1914	29·8	22·1	6·5	7·7
Japan .....	1913	33·3	19·5	8·1	13·8
Roumania .....	1914	42·5	23·8	8·5	18·7
Russia (European) .....	1909	44·0	28·9	7·9	15·1
Bulgaria .....	1911	40·2	21·5	9·4	18·7
Serbia .....	1912	38·0	21·1	8·8	16·9

It will be seen that in the comparative statement as it stands South Australia shows the fifteenth highest birth rate, the seventh highest marriage rate, the fourth lowest death rate, and the thirteenth highest natural increase. If, however, only the Commonwealth, the Australian States, and New Zealand are considered, South Australia shows the fourth highest birth rate, the highest marriage rate, the fourth lowest death rate, and the third highest natural increase.

The following table shows the population in each of the six Australian States and New Zealand on 31st December, 1919:—

Country.	Males.	Females.	Total.
New South Wales .....	1,009,743	990,430	2,000,173
Victoria .....	740,884	755,054	1,495,938
Queensland .....	378,904	346,316	725,220
South Australia .....	224,631	243,563	468,194
Western Australia .....	176,902	154,758	331,660
Tasmania .....	112,448	104,303	216,751
Northern Territory .....	3,578	1,128	4,706
Federal Territory .....	1,008	911	1,919
	2,648,098	2,596,463	5,244,561
New Zealand .....	588,888	575,517	1,164,405
	3,236,986	3,171,980	6,408,966

#### SEARCHES AND CERTIFICATES.

The birth, death, and marriage records of the State now cover a period of over 70 years (compulsory registration began in 1842), and these records are made use of to an increasing extent, and for an increasing number of purposes each year. During the twelve months under review 12,948 searches were made for, and 9,380 certificates were issued to, the general public on payment of the usual fees; while 14,982 searches were made for, and 95 certificates were issued to, various Government Departments without fee.

I have, &c.,

The Hon. the Chief Secretary.

ADRIAN J. KORFF, Registrar-General of Births, &c.

THE.

THE WEATHER AND THE MORTALITY IN THE CITY OF ADELAIDE.

Table showing Readings of the Meteorological Instruments at the Adelaide Observatory and the Registered Mortality within the Municipal Boundaries of the City of Adelaide in each Month of the Year 1919.

Month.	Thermometer — Fahr. (in shade).			Barometer.			Rain.		Deaths from all Causes.											
	Maximum.	Minimum.	Mean.	Maximum.	Minimum.	Mean.	Total Fall.	No. of Days Rain Fell.	Ages.						Including Deaths from					
									All Ages.	Under 1 Year.	1—5.	5—60.	60—80.	80 and Upwards.	Diphtheria.	Enteric Fever.	Diarrhoea and Enteritis.	All Tubercular Diseases.	Diseases of Res- piratory System.	
January ...	106·3	51·6	73·1	30·215	29·428	29·930	·33	2	99	8	4	54	30	3	5	—	3	12	2	
February .	105·1	54·8	75·8	30·211	29·656	29·973	2·89	6	80	4	3	48	20	5	2	—	2	8	4	
March .....	94·7	48·5	67·0	30·428	29·741	30·078	·09	4	96	10	7	51	20	8	4	1	5	11	9	
April.....	93·4	47·2	68·4	30·520	29·835	30·164	·27	4	104	3	4	70	22	5	3	1	3	9	15	
May .....	80·7	41·7	58·6	30·518	29·875	30·231	2·28	13	218	12	7	155	41	3	2	—	11	11	28	
June .....	72·1	38·6	56·1	30·535	29·733	30·205	1·78	14	126	4	4	84	28	6	5	—	2	9	11	
July .....	68·6	36·8	52·4	30·582	29·761	30·194	1·39	15	109	6	4	55	36	8	4	—	2	16	8	
August ...	76·2	35·6	56·0	30·446	29·755	30·132	3·07	13	120	5	8	73	28	6	7	—	1	11	12	
September .	83·7	39·4	57·0	30·349	29·696	30·042	3·05	18	117	5	1	69	31	11	3	—	—	16	5	
October ....	102·8	40·6	62·6	30·447	29·450	30·003	0·77	10	72	10	4	35	20	3	2	—	4	7	6	
November .	104·5	46·6	69·4	30·403	29·756	30·064	·15	6	72	4	3	32	27	6	—	—	1	5	12	
December..	109·3	50·5	73·0	30·207	29·610	29·955	1·14	3	111	9	3	59	36	4	1	—	9	17	8	
Totals ...	...	...	...	...	...	...	17·21	108	1,324	80	52	785	339	68	38	2	43	132	120	

NOTE.—This table is intended to afford the means of comparing the weather and its changes with the general mortality, the mortality among young children and old people, and the mortality from certain diseases, the malignancy of which depends, it is believed, very much on the state of the weather.

ADRIAN J. KORFF, Registrar-General of Births, &c.



APPENDICES.

BIRTHS, MARRIAGES, AND DEATHS.

No. 1.—RETURN showing the Number of Births, Marriages, and Deaths which were Registered in South Australia in the Year 1919, and the Proportion of Births, Marriages, and Deaths to every Thousand Persons Living.

Districts.	Total Number of—			Proportion to every Thousand of the Mean Population of—		
	Births.	Marriages.	Deaths.	Births.	Marriages.	Deaths.
Metropolitan { City of Adelaide .....	961	944	1,324	22·93	22·53	31·60
{ Suburbs “ .....	4,291	1,434	2,010	21·00	7·02	9·84
Total Metropolitan .....	5,252	2,378	3,334	21·33	9·66	13·54
Extra-Metropolitan .....	5,808	1,477	2,141	27·71	7·05	10·22
Total South Australia.....	11,060	3,855	5,475	24·27	8·46	12·01

No. 2.—DECENNIAL RETURN showing the Proportion of Births, Marriages, and Deaths in South Australia to the Estimated Mean Population.

Year.	Proportion to every Thousand of the Population of —		
	Births.	Marriages.	Deaths.
1910 .....	26·50	9·21	10·09
1911 .....	26·89	9·81	9·82
1912 .....	28·65	9·62	10·28
1913 .....	29·12	9·44	10·82
1914 .....	29·33	9·11	10·71
1915 .....	26·81	9·01	10·67
1916 .....	27·39	8·32	11·73
1917 .....	26·21	7·52	10·10
1918 .....	25·80	7·25	9·97
1919 .....	24·27	8·46	12 01

## BIRTHS AND DEATHS.

No. 3.—RETURN showing the Number of Births and Deaths Registered in South Australia in each Quarter of the Year 1919, and the Excess of Births over Deaths.

	Registered during Year.			Quarter.											
				March.			June.			September.			December.		
	Total.	Males.	Females	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.
Births .....	11,060	5,776	5,284	2,736	1,419	1,317	2,771	1,446	1,325	2,877	1,515	1,362	2,676	1,396	1,280
Deaths .....	5,475	2,927	2,548	1,043	566	477	1,668	915	753	1,553	789	764	1,211	657	554
Excess of Births over Deaths..	5,585	2,849	2,736	1,693	853	840	1,103	531	572	1,324	726	598	1,465	739	726

No. 4. — RETURN showing the Number of Births and Deaths Registered in South Australia in each Month of the Year 1919.

Month.	Births.			Deaths.		
	Total.	Males.	Females.	Total.	Males.	Females.
January .....	895	456	439	326	175	151
February .....	900	489	411	343	197	146
March .....	941	474	467	374	194	180
April .....	922	490	432	454	260	194
May .....	998	520	478	671	361	310
June .....	851	436	415	543	294	249
July .....	980	516	464	507	274	233
August .....	920	493	427	519	261	258
September .....	977	506	471	527	254	273
October .....	906	481	425	419	220	199
November .....	846	442	404	335	186	149
December .....	924	473	451	457	251	206
Total .....	11,060	5,776	5,284	5,475	2,927	2,548



No. 5.—RETURN showing the Number of Births and Deaths Registered in each Registration District in the Years 1915 to 1919, inclusive.

District.	Births.															Deaths.														
	1915.			1916.			1917.			1918.			1919.			1915.			1916.			1917.			1918.			1919.		
	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.
Adelaide .....	1,464	1,441	2,905	1,507	1,405	2,912	1,386	1,318	2,704	1,271	1,333	2,604	1,328	1,161	2,489	999	831	1,830	1,039	923	1,962	882	748	1,630	943	728	1,671	1,140	938	2,078
Willunga.....	23	20	43	20	21	41	23	14	37	17	22	39	26	34	50	8	4	12	14	17	31	9	5	14	9	12	21	5	13	18
Yankalilla .....	37	25	62	24	23	47	30	24	54	31	27	58	27	21	48	9	9	18	15	13	28	10	2	12	11	7	18	13	7	20
Encounter Bay .....	35	37	72	40	38	78	29	41	70	26	40	66	27	33	60	16	11	27	10	11	21	21	9	30	7	11	18	15	12	27
Strathalbyn .....	39	43	82	49	38	87	44	38	82	38	42	80	37	35	72	20	13	33	16	16	32	14	19	33	16	23	39	21	15	36
Robe .....	52	62	114	56	59	115	50	39	89	36	52	88	46	65	111	13	11	24	16	13	29	25	16	41	9	20	29	26	18	44
Grey .....	234	212	446	251	220	471	223	180	403	218	203	421	206	192	398	88	67	155	83	77	160	78	57	135	61	41	102	65	66	131
Wellington .....	202	216	418	209	177	386	220	209	429	218	192	410	206	201	407	47	39	86	64	43	107	50	27	77	53	35	88	53	42	95
Morphett Vale .....	40	31	71	36	25	61	34	35	69	35	24	59	27	39	66	14	11	25	17	13	30	8	13	21	15	7	22	17	12	29
Mount Barker .....	48	35	83	45	48	93	41	39	80	42	36	78	44	36	80	16	22	38	13	14	27	9	19	28	21	12	33	20	24	44
Nairne .....	115	113	228	125	109	234	117	115	232	137	116	253	154	121	275	38	24	62	36	42	78	40	30	70	37	26	63	43	48	91
Talunga .....	91	80	171	87	85	172	111	77	188	96	76	172	79	66	145	24	26	50	25	27	52	24	24	48	26	23	49	24	24	48
Highercombe .....	20	26	46	18	26	44	17	23	40	21	16	37	13	16	29	6	6	12	11	4	15	10	5	15	5	5	10	7	2	9
Port Gawler .....	47	34	81	43	38	81	41	43	84	21	23	44	20	19	39	13	8	21	18	12	30	10	10	20	21	12	33	15	16	31
Crawford.....	21	18	39	20	27	47	16	21	37	16	14	30	12	14	26	6	3	9	2	5	7	6	7	13	6	6	12	6	3	9
Barossa .....	96	102	198	111	107	218	109	93	202	121	87	208	100	105	205	38	34	72	42	42	84	31	39	70	26	29	55	41	39	80
Angaston .....	79	77	156	96	66	162	82	97	179	76	84	160	86	75	161	31	21	52	18	26	44	17	13	30	19	21	40	36	27	63
Kapunda.....	114	93	207	114	101	215	92	113	205	98	120	218	129	95	224	46	38	84	63	48	111	48	37	85	48	38	87	47	50	97
Gilbert .....	110	117	227	146	138	284	156	137	293	128	125	253	140	103	243	34	34	68	45	44	89	52	42	94	40	37	77	46	31	77
Barra .....	145	145	290	169	147	316	138	149	287	159	148	307	160	174	334	63	40	103	71	45	116	60	26	86	54	34	88	47	53	140
Clare .....	413	341	754	440	400	840	411	410	821	462	446	908	436	458	894	170	140	310	154	131	285	166	116	282	181	106	287	229	141	370
Finders .....	246	219	465	236	233	469	250	249	499	251	223	474	245	234	479	65	43	108	63	38	101	41	26	67	59	34	93	69	32	101
Frome .....	273	287	560	309	265	574	295	263	558	278	278	556	312	233	545	124	67	191	128	109	237	127	81	208	89	50	169	132	81	213
Daly .....	468	426	894	482	436	918	455	467	922	480	447	926	455	422	877	152	130	282	164	118	282	144	133	277	156	129	285	161	190	351
Upper Wakefield .....	19	26	45	23	16	39	22	13	35	18	16	34	26	14	40	8	7	15	14	12	26	5	7	12	9	6	15	9	8	17
Port Adelaide .....	510	507	1,017	537	475	1,012	451	437	888	487	456	943	470	421	891	180	135	315	172	162	334	143	120	263	163	143	306	218	204	422
Hindmarsh .....	383	349	732	343	342	685	363	304	667	325	294	619	356	298	654	106	90	196	95	112	207	91	84	175	86	46	182	104	131	235
Norwood.....	752	640	1,392	673	592	1,265	616	607	1,223	672	630	1,302	609	609	1,218	253	243	496	313	239	552	277	252	529	260	238	498	278	321	599
Total .....	6,076	5,722	11,798	6,200	5,657	11,857	5,762	5,564	11,326	5,787	5,570	11,357	5,776	5,284	11,060	2,587	2,107	4,694	2,721	2,356	5,077	2,398	1,967	4,365	2,430	1,960	4,390	2,927	2,548	5,475

No. 6.—RETURN showing the Number of Births and Deaths Registered in each Quarter of the Year 1919 in South Australia, and the Excess of Births over Deaths.

Districts.	Registered in the quarter ended last day of—								Births.			Deaths.			Excess of Births over Deaths.
	March.		June.		September.		December.		Total.	M.	F.	Total.	M.	F.	
	Births.	Deaths.	Births.	Deaths.	Births.	Deaths.	Births.	Deaths.							
Metropolitan { City of Adelaide .....	233	275	237	448	242	346	249	255	961	506	455	1,324	737	587	— 363
Extra-Metropolitan { Suburbs of Adelaide .....	1,038	351	1,110	615	1,070	589	1,073	455	4,291	2,257	2,034	2,010	1,003	1,007	2,281
Extra-Metropolitan ..	1,465	417	1,424	605	1,565	618	1,354	501	5,808	3,013	2,795	2,141	1,187	954	3,667
Total .....	2,736	1,043	2,771	1,668	2,877	1,553	2,676	1,211	11,060	5,776	5,284	5,475	2,927	2,548	5,585

No. 7.—DECENNIAL RETURN showing the Number of Births Registered in South Australia in each Quarter and in each Year ; also showing the Number of Legitimate and Illegitimate Births and Children Legitimated.

No. 19.

	Registered during Year.			Registered in the Quarter ended on the last day of—												Births.		Percentage of Illegitimate to Total Births.	Children Legitimated.
				March.			June.			September.			December.						
	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Legitimate.	Illegitimate.		
1910 .....	10,540	5,395	5,145	2,504	1,282	1,222	2,719	1,382	1,337	2,813	1,426	1,387	2,504	1,305	1,199	10,086	454	4.31	40
1911 .....	11,057	5,615	5,442	2,535	1,302	1,233	2,916	1,491	1,425	2,909	1,480	1,429	2,697	1,342	1,355	10,593	464	4.20	34
1912 .....	12,079	6,168	5,911	2,880	1,458	1,422	2,861	1,472	1,389	3,126	1,575	1,551	3,212	1,663	1,549	11,510	569	4.71	29
1913 .....	12,627	6,505	6,122	3,011	1,583	1,428	3,284	1,652	1,632	3,269	1,692	1,577	3,063	1,578	1,485	12,100	527	4.17	52
1914 .....	12,905	6,668	6,237	3,155	1,628	1,527	3,329	1,712	1,617	3,395	1,737	1,658	3,026	1,591	1,435	12,404	501	3.88	36
1915 .....	11,798	6,076	5,722	2,954	1,475	1,479	3,101	1,620	1,481	2,964	1,540	1,424	2,779	1,441	1,338	11,333	465	3.94	53
1916 .....	11,857	6,200	5,657	2,947	1,546	1,401	3,049	1,575	1,474	3,117	1,625	1,492	2,744	1,454	1,290	11,400	457	3.85	50
1917 .....	11,326	5,762	5,564	2,933	1,503	1,430	2,882	1,461	1,421	2,948	1,524	1,424	2,563	1,274	1,289	10,880	446	3.94	54
1918 .....	11,357	5,787	5,570	2,874	1,463	1,411	2,903	1,483	1,420	2,956	1,497	1,459	2,624	1,344	1,280	10,903	454	4.00	53
1919 .....	11,060	5,776	5,284	2,736	1,419	1,317	2,771	1,446	1,325	2,877	1,515	1,362	2,676	1,396	1,280	10,630	430	3.89	65

No. 8.—DECENNIAL RETURN showing the Number of Marriages celebrated in South Australia.

Year.	Total.	Registered in the Quarter ended last day of—				Celebrated according to rites of—																Contracted between—						
		March.	June.	September.	December.	Church of England.	Presbyterian.	Roman Catholic.	Lutheran.	Congrega- tionalist.	Methodist.	Christian Brethren.	Church of Christ.	Free Presby- terian.	Baptist.	Seventh Day Adventist.	City Mission Church.	Greek Orthodox.	Jews.	Unitarians.	Registrars.	Officiating Registrars.	Salvation Army.	Latter-Day Saints.	Bachelors and Spinsters.	Bachelors and Widows.	Widowers and Spinsters.	Widowers and Widows.
1910.....	3,661	909	918	916	918	801	172	392	218	191	1,236	28	167	4	239	10	23	—	2	7	121	14	31	5	3,325	92	159	85
1911.....	4,036	926	1,091	952	1,067	911	224	385	239	225	1,339	25	207	4	272	6	—	—	3	1	127	18	48	2	3,693	108	157	78
1912.....	4,056	920	1,090	936	1,110	903	213	400	221	264	1,318	23	182	—	300	7	—	—	2	6	152	21	42	2	3,706	103	180	67
1913.....	4,094	1,051	1,068	954	1,021	950	221	404	201	252	1,292	18	177	2	321	3	—	—	2	4	177	18	51	1	3,741	101	173	79
1914.....	4,009	975	1,149	968	917	956	212	433	214	255	1,192	25	225	3	261	5	—	—	3	1	169	10	44	1	3,675	101	162	71
1915.....	3,965	784	954	1,096	1,131	992	218	427	178	235	1,138	14	192	1	307	10	—	—	3	6	163	8	72	1	3,634	105	150	76
1916.....	3,602	1,032	937	788	845	889	174	435	185	213	1,042	8	185	—	273	11	—	—	1	4	127	10	44	1	3,240	103	177	76
1917.....	3,252	647	946	751	908	772	160	420	215	157	984	11	166	—	207	6	—	—	2	1	99	12	40	—	2,927	98	170	57
1918.....	3,190	711	902	770	807	768	140	419	174	153	967	20	181	1	195	11	2	3	1	1	101	11	42	—	2,834	121	172	63
1919.....	3,855	744	943	984	1,184	946	191	485	170	189	1,199	17	190	—	268	9	2	1	1	1	132	13	39	2	3,428	135	202	90



No. 9.—RETURN showing the Number of Persons Married, at different Ages, in South Australia in the Year 1919.

Ages .....	14—		15—		16—		17—		18—		19—		20—		21—		25—		30—		35—		40—		45—		50—		55—		60—		65—		70 and upwards.		Total.				
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total.		
Celebrated in Quarter ended—																																									
March 31 .....	—	1	—	—	—	4	1	15	5	34	11	38	22	46	193	276	243	182	141	78	59	39	25	13	21	10	8	3	5	2	8	3	—	—	2	—	744	744	1,488		
June 30 .....	—	—	—	—	—	4	1	14	4	30	10	46	17	55	245	328	329	273	151	94	80	55	42	22	25	11	17	6	9	4	8	—	3	—	2	1	943	943	1,886		
Sept. 30 .....	—	—	—	1	—	3	—	9	3	29	9	42	13	49	268	335	361	314	206	109	88	55	36	17	28	7	11	5	6	4	7	5	7	—	1	—	984	984	1,968		
Dec. 31 .....	—	—	—	1	—	2	1	14	2	36	12	43	21	52	266	427	454	393	221	114	99	50	47	22	23	14	13	5	7	4	7	5	7	1	4	1	1,184	1,184	2,368		
Total .....	—	1	—	2	—	13	3	52	14	129	42	169	73	202	912	1,366	1,387	1,162	719	395	326	199	150	74	97	42	49	19	27	14	30	13	17	1	9	2	3,855	3,855	7,710		
Widowers and Spinsters .....	—	—	—	—	—	—	—	—	1	—	2	—	7	1	32	14	56	40	31	33	41	33	13	26	8	19	5	15	5	11	1	8	—	2	—	202	202	404			
Widowers and Widows .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	5	9	16	6	12	14	12	11	18	12	7	10	7	14	9	8	1	6	2	90	90	180			
Bachelors and Widows .....	—	—	—	—	—	—	—	—	—	1	—	2	—	9	10	21	34	37	36	28	26	18	13	9	9	5	3	2	2	1	2	1	—	1	—	135	135	270			
Signatures by marks .....	—	—	—	—	—	—	1	—	1	—	—	—	1	1	1	1	2	—	4	2	—	—	—	1	—	—	—	—	—	1	—	3	—	—	—	—	—	5	14	19	

No. 10.—DECENNIAL RETURN showing the Number of Deaths Registered in South Australia in each Year; also showing the Number Registered in each Quarter, and Excess of Births over Deaths in each Year.

Year.	Registered during Year.			Registered in the Quarter ended on the last day of—												Number of Births.	Excess of Births over Deaths.
				March.			June.			September.			December.				
	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.		
1910.....	4,014	2,163	1,851	985	517	468	1,036	549	487	986	546	440	1,007	551	456	10,540	6,526
1911.....	4,038	2,179	1,859	948	517	431	989	527	462	1,072	603	469	1,029	532	497	11,057	7,019
1912.....	4,336	2,409	1,927	1,088	610	478	1,124	628	496	1,130	604	526	994	567	427	12,079	7,743
1913.....	4,693	2,563	2,130	1,126	610	516	1,164	641	523	1,176	641	535	1,227	671	556	12,627	7,934
1914.....	4,713	2,621	2,092	1,162	634	528	1,136	618	518	1,188	684	504	1,227	685	542	12,905	8,192
1915.....	4,694	2,587	2,107	1,131	600	531	1,146	640	506	1,204	692	512	1,213	655	558	11,798	7,104
1916.....	5,077	2,721	2,356	1,369	727	642	1,277	690	587	1,348	717	631	1,083	587	496	11,857	6,780
1917.....	4,365	2,398	1,967	1,101	594	507	1,077	597	480	1,124	634	490	1,063	573	490	11,326	6,961
1918.....	4,390	2,430	1,960	1,053	569	484	998	564	434	1,296	703	593	1,043	594	449	11,357	6,967
1919.....	5,475	2,927	2,548	1,043	566	477	1,668	915	753	1,553	789	764	1,211	657	554	11,060	5,585

No. 11.—DECENNIAL RETURN showing the Number of Deaths in South Australia in each Month.

Month.	1910.	1911.	1912.	1913.	1914.	1915.	1916.	1917.	1918.	1919.
January .....	340	376	366	420	415	430	476	421	377	326
February .....	317	270	372	338	356	355	495	318	336	343
March .....	328	302	350	368	391	346	398	362	340	374
April .....	320	297	362	383	388	355	390	322	297	454
May .....	381	369	407	382	383	380	451	351	316	671
June .....	335	323	355	399	365	411	436	404	385	543
July .....	290	345	396	424	454	394	452	366	384	507
August .....	353	377	376	387	369	415	476	383	475	519
September .....	343	350	358	365	365	395	420	375	437	527
October .....	336	323	331	418	399	373	379	364	381	419
November .....	348	353	320	341	417	386	379	331	332	335
December .....	323	353	343	468	411	454	325	368	330	457
Total .....	4,014	4,038	4,336	4,693	4,713	4,694	5,077	4,365	4,390	5,475

No. 12.—DECENNIAL RETURN showing the Number of Deaths in South Australia at Different Periods of Age.

Years.	Age.																				
	Under 1 year.			1 and under 20.			20 and under 40.			40 and under 60.			60 and under 80.			80 and above.			Totals.		
	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.
1910 .. ....	425	314	739	230	183	413	288	303	591	456	324	780	568	480	1,048	196	247	443	2,163	1,851	4,014
1911 .....	370	299	669	210	192	402	288	316	604	435	294	729	651	503	1,154	225	255	480	2,179	1,859	4,038
1912 .....	429	315	744	224	206	430	329	292	621	474	293	767	707	572	1,279	246	249	495	2,409	1,927	4,336
1913 .....	505	380	885	279	230	509	332	325	657	501	345	846	722	570	1,292	224	280	504	2,563	2,130	4,693
1914 .....	579	402	981	242	200	462	375	325	700	475	337	812	713	549	1,262	237	259	496	2,621	2,092	4,713
1915 .....	448	346	794	270	227	497	395	341	736	489	342	831	735	554	1,289	250	297	547	2,587	2,107	4,694
1916 .....	499	374	873	350	361	711	312	359	671	475	358	833	826	608	1,434	259	296	555	2,721	2,356	5,077
1917 .....	351	257	608	239	212	451	298	323	621	502	325	827	758	602	1,360	250	248	498	2,398	1,967	4,365
1918 .....	333	249	582	257	196	453	300	305	605	484	375	859	830	579	1,409	226	256	482	2,430	1,960	4,390
1919 .....	390	318	708	296	267	563	544	525	1,069	593	461	1,054	866	672	1,538	238	305	543	2,927	2,548	5,475



No. 13.—RETURN showing the Causes of Deaths at Different Periods of Life in South Australia in the Year 1919.

Cause of Death.		MALES.																			Not Stated					
		Ages at Death.																								
		All Ages.	Under 1 Year.	1—2	2—3	3—4	4—5	5—10	10—15	15—20	20—25	25—30	30—35	35—40	40—45	45—50	50—55	55—60	60—65	65—70		70—75	75—80	80—85	85—90	90—95
I.A.—Epidemic General Diseases.																										
1	Typhoid Fever	10	—	—	—	—	—	1	1	1	1	2	1	1	1	—	—	1	—	—	—	—	—	—	—	—
2	Exanthematic Typhus	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	Recurrent or Relapsing Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	Malaria	1	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	Measles	4	—	1	—	1	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
7	Scarlet Fever	2	—	—	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
8	Whooping Cough	4	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
9	{ Diphtheria	48	5	4	3	4	6	19	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	{ Croup	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
10	Influenza, Grippe	303	1	3	—	1	1	4	5	8	19	53	48	56	30	24	15	11	3	8	8	5	—	—	—	
11	Miliary Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
12	Asiatic Cholera	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
13	Cholera Nostras	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
14	Dysentery	5	2	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	
15	Pest, Plague	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
16	Yellow Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
17	Leprosy	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
18	Erysipelas	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	
19	Other Epidemic Diseases	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Total		378	12	8	3	6	7	26	11	10	21	55	51	58	31	26	15	12	4	8	8	5	1	—	—	—
I.B.—Other General Diseases.																										
20	Purulent Infection and Septicæmia (Non-Puerperal)	5	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—
21	Glanders	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	Anthrax	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	Rabies	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	Tetanus	10	—	—	—	—	—	—	1	—	2	1	—	—	—	—	1	1	1	—	—	—	—	—	—	—
25	Mycoses	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	Pellagra	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	Beriberi	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	Tuberculosis of the Lungs	167	—	—	—	—	—	—	—	12	20	22	27	22	15	10	11	9	13	2	2	1	—	—	—	—
29	Acute Miliary Tuberculosis	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	Tuberculous Meningitis	13	3	—	4	—	—	—	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	Abdominal Tuberculosis	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
32	Pott's Disease	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
33	White Swelling	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
34	Tuberculosis of Other Organs	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
35	Disseminated Tuberculosis	3	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Rickets	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
37	Syphilis	2	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
38	Gonococcus Infection	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
39	{ Of the Buccal Cavity	17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	{ Of the Stomach, of the Liver	83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
41	{ Of the Peritn., Intes., and Rect.	30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
42	{ Of the Female Genital Organs	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
43	{ Of the Breast	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
44	{ Of the Skin	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
45	{ Of other Organs or Organs not specified	65	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
46	Other Tumors, except those of the Female Genital Organs	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
47	Acute Articular Rheumatism	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
48	Chronic Rheumatism and Gout	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
49	Scurvy	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
50	Diabetes	33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
51	Exophthalmic Goitre	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
52	Addison's Disease	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
53	Leuchæmia	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
54	Anæmia, Chlorosis	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
55	Other General Diseases	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
56	Acute or Chronic Alcoholism	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Chronic Lead Poisoning	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
58	Other Chronic Poisonings (Occupational)	—	—	—	—	—	—	—	—	—	—	—</														

No. 13.—RETURN showing the Causes of Deaths at Different Periods of Life in South Australia in the Year 1919—*continued*.

Cause of Death.		FEMALES.																				Not Stated					
		Ages at Death.																									
	All Ages.	Under 1 Year.	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95 and Over.		
Ia.—Epidemic General Diseases.																											
1	Typhoid Fever.....	7	—	—	—	1	—	—	1	—	—	3	1	—	—	—	—	—	1	—	—	—	—	—	—	—	
2	Exanthematic Typhus.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
3	Recurrent or Relapsing Fever.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
4	Malaria.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
5	Smallpox.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
6	Measles.....	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
7	Scarlet Fever.....	7	3	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
8	Whooping Cough.....	34	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
9	Diphtheria.....	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
9	Croup.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
10	Influenza, Grippe.....	229	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
11	Miliary Fever.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
12	Asiatic Cholera.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
13	Cholera Nostras.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
14	Dysentery.....	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
15	Pest, Plague.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
16	Yellow Fever.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
17	Leprosy.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
18	Erysipelas.....	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
19	Other Epidemic Diseases.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Total.....		292	6	7	7	4	7	23	8	15	18	36	42	38	22	11	10	12	5	7	6	3	5	—	—	—	
Ib.—Other General Diseases.																											
20	Purulent Infection and Septicæmia (Non-puerperal).....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
21	Glanders.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
22	Anthrax.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
23	Rabies.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
24	Tetanus.....	3	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
25	Mycoses.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
26	Pellagra.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
27	Beriberi.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
28	Tuberculosis of the Lungs.....	164	—	1	—	—	—	2	14	27	33	25	27	6	8	4	7	4	4	2	—	—	—	—	—	—	
29	Acute Miliary Tuberculosis.....	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
30	Tuberculous Meningitis.....	12	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
31	Abdominal Tuberculosis.....	9	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
32	Pott's Disease.....	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
33	White Swelling.....	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
34	Tuberculosis of other Organs.....	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
35	Disseminated Tuberculosis.....	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
36	Rickets.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
37	Syphilis.....	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
38	Gonococcus Infection.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
39	Of the Buccal Cavity.....	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
40	Of the Stomach, of the Liver.....	67	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
41	Of the Peritæum, Intes., and Rect.....	32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
42	Of the Female Genital Organs.....	46	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
43	Of the Breast.....	39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
44	Of the Skin.....	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
45	Of other Organs, or Organs not specified.....	32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
46	Other Tumors, except those of the Female Genital Organs.....	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
47	Acute Articular Rheumatism.....	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
48	Chronic Rheumatism and Gout.....	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
49	Scurvy.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
50	Diabetes.....	38	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
51	Exophthalmic Goitre.....	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
52	Addison's Disease.....	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
53	Leuchæmia.....	9	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
54	Anæmia, Chlorosis.....	22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
55	Other General Diseases.....	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
56	Acute or Chronic Alcoholism.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
57	Chronic Lead Poisoning.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
58	Other Chronic Poisonings (Occupational).....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
59	Other Chronic Poisonings.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Total.....		538	6	3	2	1	2	9	8	21	34	41	35	43	21	23	42	58	54	50	37	32	7	3	6	—	
II.—Diseases of Nervous System and of Organs of Special Sense.																											
60	Encephalitis.....	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
61	Simple Meningitis (including Epidemic Cerebro-Spinal Meningitis).....	9	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
61A	Epidemic Cerebro-Spinal Meningitis.....	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
62	Locomotor Ataxia.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
63	Other Diseases of Spinal Cord.....	15	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
64	Cerebral Hæmorrhage, Apoplexy.....	134	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
65	Softening of the Brain.....	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
66	Paralysis, without Specified Cause.....	17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										



Cause of Death.		MALES.																				Not Stated				
		Ages at Death.																								
		All Ages.	Under 1 Year.	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75		75-80	80-85	85-90	90-95
<b>III.—Diseases of Circulatory System.</b>																										
77	Pericarditis .....	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
78	Acute Endocarditis .....	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
79	Organic Diseases of the Heart .....	250	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
80	Angina Pectoris .....	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
81	Diseases of Arteries, Atheroma, Aneurism, &c. ....	32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
82	Embolism and Thrombosis .....	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
83	Diseases of Veins (Varices, Hemorrhoids, Phlebitis &c.) .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
84	Diseases of Lymphatic System—Lymphangitis, &c. ....	3	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
85	Hæmorrhages, other Diseases of Circulatory System .....	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	<b>Total.....</b>	329	2	—	—	1	—	1	4	6	3	8	5	10	10	15	17	30	52	50	45	41	15	7	6	1
<b>IV.—Diseases of Respiratory System.</b>																										
86	Diseases of Nasal Passæ .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
87	Diseases of Larynx .....	4	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
88	Diseases of Thyroid Body .....	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
89	Acute Bronchitis .....	14	6	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
90	Chronic Bronchitis .....	44	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
91	Broncho-Pneumonia .....	47	9	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
92	Pneumonia .....	152	14	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
93	Pleurisy .....	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
94	Pulmonary Congestion, Pulmonary Apoplexy .....	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
95	Gangrene of Lung .....	—	—	—	—																					

No. 13.—RETURN showing the Causes of Deaths at Different Periods of Life in South Australia in the Year 1919—continued.

Cause of Death.	FEMALES.																			
	Ages at Death.																			
	All Ages.	Under 1 Year.	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75
<b>III.—Diseases of Circulatory System.</b>																				
77 Pericarditis .....	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
78 Acute Endocarditis .....	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
79 Organic Diseases of the Heart .....	258	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
80 Angina Pectoris .....	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
81 Diseases of Arteries, Atheroma, Aneurism, &c. ....	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
82 Embolism and Thrombosis .....	19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
83 Diseases of Veins (Varices, Hæmorrhoids, Phlebitis, &c.) .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
84 Diseases of Lymphatic System—Lymphangitis, &c. ....	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
85 Hæmorrhage, other Diseases of Circulatory System .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total .....	306	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>IV.—Diseases of Respiratory System.</b>																				
86 Diseases of Nasal Passæ .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
87 Diseases of Larynx .....	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
88 Diseases of Thyroid Body .....	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
89 Acute Bronchitis .....	20	10	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
90 Chronic Bronchitis .....	59	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
91 Broncho-Pneumonia .....	38	9	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
92 Pneumonia .....	129	12	4	5	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
93 Pleurisy .....	10	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
94 Pulmonary Congestion, Pulmonary Apoplexy .....	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
95 Gangrene of Lung .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
96 Asthma .....	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
97 Pulmonary Emphysema .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
98 Other Diseases of Respiratory System, except Phthisis .....	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total .....	280	33	8	9	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>V.—Diseases of Digestive System.</b>																				
99 Diseases of Mouth and its Annexa .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
100 Diseases of Pharynx .....	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
101 Diseases of Oesophagus .....	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
102 Ulcer of Stomach .....	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
103 Other Diseases of Stomach, except cancer .....	7	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
104 Diarrhoea and Enteritis (under 2 years) .....	119	94	25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
105 Diarrhoea and Enteritis (2 years and over) .....	44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
106 Ankylostomiasis .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
107 Intestinal Parasites .....	20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
108 Appendicitis and Typhlitis .....	23	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
109 Hernias, Intestinal Obstructions .....	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
110 Other Diseases of Intestines .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
111 Acute Yellow Atrophy of Liver .....	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
112 Hydatid Tumor of Liver .....	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
113 Cirrhosis of Liver .....	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
114 Biliary Calculi .....	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
115 Other Diseases of Liver .....	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
116 Diseases of the Spleen .....	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
117 Simple Peritonitis (Non-Puerperal) .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
118 Other Diseases of the Digestive System, except Cancer and Tuberculosis .....	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total .....	267	99	25	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>VI.—Diseases of Genito-Urinary System and Annexa.</b>																				
119 Acute Nephritis .....	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
120 Bright's Disease .....	77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
121 Chyluria .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
122 Other Diseases of Kidneys and Annexa .....	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
123 Calculi of the Urinary Passages .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
124 Diseases of the Bladder .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
125 Diseases of the Urethra, Urinary Abscess, &c. ....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
126 Diseases of Prostate .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
127 Non-Venereal Diseases of Male Genital Organs .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
128 Uterine Hæmorrhage (Non-Puerperal) .....	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
129 Uterine Tumor (Non-Cancerous) .....	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
130 Other Diseases of Uterus .....	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
131 Cysts and other Tumors of Ovary .....	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
132 Salpingitis and other Diseases of Female Genital Organs .....	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
133 Non-Puerperal Diseases of Breast, except Cancer .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total .....	106	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—



No. 13.—RETURN showing the Causes of Deaths at Different Periods of Life in South Australia in the Year 1919—*continued*.

MALES.																									
Cause of Death.		Ages at Death.																							
All Ages.	Under 1 Year.	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95 and Over.	Not Stated
VII. Puerperal State.																									
x34	Accidents of Pregnancy .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
x35	Puerperal Hemorrhage .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
x36	Other Accidents of Labor .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
x37	Puerperal Septicæmia .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
x38	Puerperal Albuminuria and Con-	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	vulsions .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
x39	Puerperal Phlegmasia Alba Dolens	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Embolus—Sudden Death .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
x40	Following Childbirth (not other-	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	wise defined).....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
x41	Puerperal Diseases of the Breast ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Total.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VIII. Disease of the Skin and Cellular Tissues.																									
x42	Gangrene .....	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
x43	Furuncle .....	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
x44	Acute Abscess .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
x45	Other Diseases of the Skin and	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Annexa .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Total .....	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
IX. Diseases of Organs of Locomotion.																									
x46	Diseases of Bones (Tuberculosis	6	—	—	—	—	2	1	—	—	—	1	1	—	—	—	—	—	1	—	—	—	—	—	—
	excepted) .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
x47	Diseases of Joints, except Tuber-	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	culosis and Rheumatism .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
x48	Amputation .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
x49	Other Diseases of Organs of Loco-	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	motion.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Total.....	6	—	—	—	—	2	1	—	—	—	1	1	—	—	—	—	1	—	—	—	2	—	—	—
X. Malformation.																									
x50	Congenital Malformations .....	36	31	3	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
XI. Diseases of Early Infancy.																									
x51	{ Congenital Debility, Icterus,	71	71	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	and Sclerema .....	91	91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
x52	{ Premature Birth.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Other Diseases peculiar to early	16	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
x53	{ Infancy .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Lack of Care .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Total .....	178	178	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
XII. Old Age.																									
x54	Senility .....	238	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
XIII. External Causes.																									
x55	Suicide by Poison .....	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
x56	Suicide by Asphyxia.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
x57	Suicide by Hanging or Strangulation	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
x58	Suicide by Drowning .....	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
x59	Suicide by Firearms .....	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
x60	Suicide by Cutting or Piercing In-	—	—	—	—	—	—	—	—	—	—	—	—												

No. 13.—RETURN showing the Causes of Deaths at Different Periods of Life in South Australia in the Year 1919—*continued.*

Causes of Death.		FEMALES.																				Not Stated				
		Ages at Death.																								
		All Ages.	Under 1 Year	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95 and Over.
VII.—Puerperal State.																										
134	Accidents of Pregnancy .....	10	—	—	—	—	—	—	—	—	4	3	3	—	—	—	—	—	—	—	—	—	—	—	—	—
135	Puerperal Hemorrhage .....	9	—	—	—	—	—	—	—	1	—	2	2	3	—	—	1	—	—	—	—	—	—	—	—	—
136	Other Accidents of Labor .....	7	—	—	—	—	—	—	—	1	—	2	2	2	—	—	—	—	—	—	—	—	—	—	—	—
137	Puerperal Septicæmia .....	12	—	—	—	—	—	—	—	—	3	4	3	2	—	—	—	—	—	—	—	—	—	—	—	—
138	Puerperal Albuminuria and Convulsions .....	17	—	—	—	—	—	—	—	1	3	2	5	2	3	1	—	—	—	—	—	—	—	—	—	—
139	Puerperal Phlegmasia Alba Dolens .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
140	Embolus—Sudden Death .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
140	Following Childbirth (not otherwise defined) .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
141	Puerperal Diseases of the Breast .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Total .....	55	—	—	—	—	—	—	—	3	10	12	16	9	3	1	1	—	—	—	—	—	—	—	—	—
VIII.—Disease of the Skin and Cellular Tissue.																										
142	Gangrene .....	5	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	1	1	2	—	—
143	Furuncle .....	1	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
144	Acute Abscess .....	5	1	—	—	—	—	—	—	—	1	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—
145	Other Diseases of the Skin and its Annexa .....	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1	—
	Total .....	14	1	—	—	—	—	—	—	—	2	—	—	—	2	—	—	—	2	—	2	1	1	2	1	—
IX.—Diseases of Organs of Locomotion.																										
146	Diseases of Bones (Tuberculosis excepted) .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
147	Diseases of Joints, except Tuberculosis and Rheumatism .....	1	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
148	Amputation .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
149	Other Diseases of Organs of Locomotion .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Total .....	1	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
X.—Malformation.																										
150	Congenital Malformations .....	28	24	1	1	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
XI.—Diseases of Early Infancy.																										
151	{ Congenital Debility, Icterus, and Sclerema .....	37	37	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
152	{ Premature Birth .....	87	87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
152	Other Diseases peculiar to early Infancy .....	13	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
153	Lack of Care .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Total .....	137	137	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
XII.—Old Age.																										
154	Senility .....	211	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	2	14	23	31	58	45	31	6
XIII.—External Causes.																										
155	Suicide by Poison .....	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—
156	Suicide by Asphyxia .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
157	Suicide by Hanging or Strangulation .....	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—
158	Suicide by Drowning .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
159	Suicide by Firearms .....	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—
160	Suicide by Cutting or Piercing Instruments .....	1	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
161	Suicide by Jumping from High Places .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
162	Suicide by Crushing .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
163	Other Suicides .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
164	Poisoning by Food .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
165	Other Acute Poisonings .....	1	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
166	Conflagration .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
167	Burns (Conflagration excepted) .....	13	—	2	—	—	1	3	—	2	—	—	1	1	1	—	—	—	—	2	—	—	—	1	—	—
168	Absorption of Deleterious Gases .....	2	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
168	Accidental Drowning .....	8	—	1	—	—	—	1	1	1	—	—	2	1	1	1	—	—	—	—	—	—	—	—	—	—
169	Traumatism by Firearms .....	1	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
170	Traumatism by Cutting or Piercing Instruments .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
171	Traumatism by Fall .....	10	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	1	1	1	3	1	1	1	—
172	Traumatism in Mines and Quarries .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
173	Traumatism by Machines .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
174	Traumatism by Other Crushing .....	13	—	—	—	—	1	1	2	1	—	1	—	2	—	1	2	1	—	1	—	—	—	—	—	—
175	Injuries by Animals .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
176	Starvation .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
177	Excessive Cold .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
178	Effects of Heat .....	2	1	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
179	Lightning .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
180	Electricity (Lightning excepted) .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
181	Homicide by Firearms .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
182	Homicide by Cutting or Piercing Instruments .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
184	Homicide by Other Means .....	4	2	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—
185	Fractures (cause not specified) .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
186	Other External Violence .....	3	1	1	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—
	Total .....	62	4	4	—	—	3	5	3	5	2	3	3	5	2	3	2	3	2	5	1	3	1	2	1	—
XIV.—Ill-defined Diseases.																										
187	Ill-defined Organic Disease .....	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—
188	Sudden Death .....	2	—	—	—	—	—	—	—	—	—	—	—	—	—											



No. 14.—RETURN of Births and Deaths (inclusive of all those in Public Institutions) Registered in the City of Adelaide in the Years 1914-1919.

Years .....	1914.	1915.	1916.	1917.	1918.	1919.											
Population, Mean .....	43,285	43,590	40,162	39,559	40,057	41,902											
Births .....	1,139	1,069	1,117	1,002	995	961											
Rate per 1,000 of population .....	26.31	24.52	27.81	25.33	24.84	22.93											
Deaths—						All Ages.			Under 1 Year.	1 and under 5	5 and under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and up-wards	Not stated	
						Total.	M.	F.									
All causes .....	1,147	1,205	1,305	1,051	1,055	1,324	737	587	80	52	86	358	341	339	68	—	
Rate per 1,000 of mean population .....	26.50	27.64	32.49	26.57	26.34	31.60	—	—	—	—	—	—	—	—	—	—	
Causes of Death—																	
I.	{	(A). Epidemic General Diseases	55	52	107	77	47	244	147	97	2	18	34	123	52	14	1
		(B). Other General Diseases	289	327	327	311	290	316	170	146	1	5	19	90	101	97	3
		II. to IX. Local Diseases	585	604	647	488	547	574	296	278	36	23	22	112	161	187	33
		X. Malformations .....	13	15	15	19	11	11	6	5	11	—	—	—	—	—	—
		XI. Infancy, Diseases peculiar to	46	48	50	32	28	27	17	10	27	—	—	—	—	—	—
		XII. Old Age .....	82	78	82	52	54	47	20	27	—	—	—	—	20	27	—
		XIII. External Causes (Violence, &c.)	72	69	66	63	69	93	75	18	3	6	10	33	19	18	4
		XIV. Ill-defined Diseases or Causes	5	12	11	9	9	12	6	6	—	—	1	—	8	3	—

Causes of Deaths Registered in the Year ended December 31st, 1919.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I. (A).								
Typhoid fever .....	—	2	Other diseases of nervous system .....	—	19	Diseases of the bones and of organs of locomotion ..	—	2
Relapsing fever .....	—	—	Diseases of organs of special sense .....	—	1	X.		
Smallpox .....	—	—	Acute endocarditis .....	—	5	Congenital malformations ..	11	—
Measles .....	—	2	Organic disease of heart ..	—	100	XI.		
Scarlet fever .....	—	4	Diseases of lymphatic system	—	—	Congenital debility, icterus, etc. ....	9	—
Whooping-cough .....	—	36	Other diseases of circulatory system .....	—	21	Premature birth .....	16	—
Diphtheria and croup .....	2	196	Bronchitis .....	1	19	Other diseases peculiar to infancy .....	2	—
Influenza .....	—	—	Pneumonia .....	2	80	XII.		
Cholera nostras .....	—	—	Pleurisy .....	1	5	Senility .....	—	47
Dysentery .....	—	1	Asthma .....	—	2	XIII.		
Erysipelas .....	—	—	Other diseases of respiratory system .....	—	10	Suicide by poison .....	—	4
Other epidemic diseases .....	—	1	Diseases of stomach (except cancer) ..	—	6	Suicide by hanging .....	—	—
I. (B).			Diarrhoea and enteritis (under 2 years) .....	22	2	Suicide by drowning .....	—	—
Purulent infection, non-puerperal septicaemia .....	1	3	Diarrhoea and enteritis (over 2 years) .....	—	19	Suicide by firearms .....	—	3
Tetanus .....	—	2	Diseases of liver .....	—	14	Suicide by cutting or piercing instruments .....	—	3
Tuberculosis of lungs .....	—	111	Simple peritonitis (non-puerperal) .....	—	5	Other suicides .....	—	1
Acute miliary tuberculosis ..	—	5	Other diseases of digestive system .....	5	50	Poisoning by food .....	—	—
Tuberculous meningitis .....	—	9	Acute nephritis .....	—	—	Other acute poisonings .....	—	1
Other forms of tuberculosis ..	—	7	Bright's disease .....	—	58	Conflagration .....	—	—
Cancer, malignant tumors ..	—	131	Calculi of urinary passages	—	2	Burns, conflagration excepted	1	9
Acute articular rheumatism ..	—	4	Diseases of bladder .....	1	4	Accidental drowning .....	—	7
Chronic rheumatism and gout	—	1	Other diseases of genito-urinary system .....	—	23	Injuries by animals .....	—	3
Diabetes .....	—	15	Accidents of pregnancy .....	—	5	Other accidental traumatism	—	51
Leucæmia .....	—	2	Puerperal hæmorrhage .....	—	8	Effects of heat .....	1	—
Anæmia, chlorosis .....	—	12	Puerperal septicaemia .....	—	—	Homicides .....	—	4
Acute or chronic alcoholism ..	—	6	Other puerperal diseases or accidents .....	—	5	Other external violence ....	1	4
Other general diseases .....	—	7	Diseases of skin and cellular tissue .....	1	3	XIV.		
II. to IX.						Ill-defined organic disease ..	—	—
Meningitis .....	1	7				Sudden death .....	—	—
Diseases of spinal cord .....	—	7				Unsuspected or ill-defined causes .....	—	12
Cerebral hæmorrhage, Apoplexy	—	54						
Epilepsy .....	—	2						
Non - puerperal convulsions (over 5 years) .....	—	—						
Convulsions under 5 years) ..	2	—						

No. 15.—RETURN of Births and Deaths Registered in each Ward of the City of Adelaide (exclusive of Deaths in Public Institutions\* of persons not usually resident in the city) in the Year ended December 31st, 1919.

	Total.	Hindmarsh.	Gawler.	Grey.	Young.	Robe.*	MacDonnell.
Area in acres.....	3,778	608	627	567	727	612	637
Estimated mean population.....	41,902	4,762	7,574	9,103	11,367	3,750	5,346
Persons to an acre.....	11.09	7.8	12.1	16.1	15.6	6.1	8.4
Births.....	961	90	61	114	335	108	253
Male.....	506	45	37	60	167	61	136
Female.....	455	45	24	54	168	47	117
Deaths.....	791	123	99	115	196	84	174
Male.....	404	71	62	62	86	42	81
Female.....	387	52	37	53	110	42	93
CAUSES OF DEATH.							
I. (A) Epidemic General Diseases.....	95	18	18	12	12	3	32
(B) Other General Diseases.....	176	44	15	26	41	23	27
II. to IX. Local Diseases.....	387	43	38	56	116	46	88
X. Malformations.....	11	—	—	1	3	1	6
XI. Infancy, Diseases Peculiar to.....	27	2	3	7	6	4	5
XII. Old Age.....	44	4	12	8	10	6	4
XIII. External Causes (Violence, &c.).....	42	9	11	4	6	1	11
XIV. Ill-defined Diseases or Causes.....	9	3	2	1	2	—	1
Death rate per 1,000 of mean population of each Ward....	18.88	25.83	13.07	12.63	17.24	22.40	32.55

\* The Destitute Asylum (including the Lying-in Department), the Adelaide Hospital, and the Consumptive Home.

Causes of Deaths Registered in the Year ended December 31st, 1919.

	Under One Year.	One Year and Over.		Under One Year.	One Year and Over.		Under One Year.	One Year and Over.
I (A).								
Typhoid fever.....	—	—	Other diseases of nervous system.....	—	9	Diseases of the bones and of organs of locomotion....	—	1
Relapsing fever.....	—	—	Diseases of organs of special sense.....	—	—	X.		
Smallpox.....	—	—	Acute endocarditis.....	—	2	Congenital malformations..	11	—
Measles.....	—	1	Organic disease of heart....	—	68	XI.		
Scarlet fever.....	—	2	Diseases of lymphatic system	—	—	Congenital debility, icterus, &c.	9	—
Whooping-cough.....	—	22	Other diseases of circulatory system.....	—	16	Premature birth.....	16	—
Diphtheria and croup.....	2	67	Bronchitis.....	1	16	Other diseases peculiar to infancy.....	2	—
Influenza.....	—	—	Pneumonia.....	2	59	XII.		
Cholera nostras.....	—	—	Pleurisy.....	1	2	Senility.....	—	44
Dysentery.....	—	1	Asthma.....	—	2	XIII.		
Erysipelas.....	—	—	Other diseases of respiratory system.....	—	7	Suicide by poison.....	—	1
Other epidemic diseases.....	—	—	Diseases of stomach (except cancer).....	—	3	Suicide by hanging.....	—	—
I (B).			Diarrhoea and enteritis (under 2 years).....	22	2	Suicide by drowning.....	—	—
Purulent infection, non-puerperal septicæmia.....	1	—	Diarrhoea and enteritis (over 2 years).....	—	17	Suicide by firearms.....	—	3
Tetanus.....	—	1	Diseases of liver.....	—	11	Suicide by cutting or piercing instruments.....	—	2
Tuberculosis of lungs.....	—	55	Simple peritonitis (non-puerperal).....	—	3	Other suicides.....	—	—
Acute miliary tuberculosis..	—	3	Other diseases of digestive system.....	5	27	Poisoning by food.....	—	—
Tuberculous meningitis.....	—	6	Acute nephritis.....	—	—	Other acute poisonings....	—	1
Other forms of tuberculosis..	—	6	Bright's disease.....	—	29	Conflagration.....	—	—
Cancer, malignant tumors..	—	74	Calculi of urinary passages..	—	1	Burns, conflagration excepted	1	5
Acute articular rheumatism..	—	4	Diseases of bladder.....	1	2	Accidental drowning.....	—	7
Chronic rheumatism and gout	—	1	Other diseases of genito-urinary system.....	—	16	Injuries by animals.....	—	2
Diabetes.....	—	12	Accidents of pregnancy.....	—	2	Other accidental traumatism	—	15
Leucæmia.....	—	—	Puerperal hæmorrhage.....	—	—	Effects of heat.....	1	—
Anæmia, chlorosis.....	—	7	Puerperal septicæmia.....	—	1	Homicides.....	—	1
Acute or chronic alcoholism..	—	2	Other puerperal diseases or accidents.....	—	3	Other external violence....	1	2
Other general diseases.....	—	4	Diseases of skin and cellular tissue.....	1	2	XIV.		
II. to IX.						Ill-defined organic disease..	—	—
Simple meningitis.....	1	4				Sudden death.....	—	—
Diseases of spinal cord.....	—	4				Unspecified or ill-defined cause	—	9
Cerebral hæmorrhage, apoplexy	—	40						
Epilepsy.....	—	2						
Non-puerperal convulsions (over 5 years).....	—	—						
Convulsions (under 5 years) .	2	—						



No. 16.—RETURN of Births and Deaths Registered in South Australia in the Years 1914-1919.

Years .....	1914.	1915.	1916.	1917.	1918.	1919.											
Population, Mean .....	440,012	440,029	432,890	432,188	440,213	455,768											
Births .....	12,905	11,798	11,857	11,326	11,357	Total, 11,060—Males, 5,776; females, 5,284.											
Rate per 1,000 of population	29.33	26.81	27.39	26.21	25.80	24.27											
Deaths—						All Ages.			Under 1 Year.	1 and under 5.	5 and under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not stated.	
						Total.	M.	F.									
All causes.....	4,713	4,694	5,077	4,365	4,390	5,475	2,927	2,548	708	243	320	1,069	1,054	1,538	543	—	
Rate per 1,000 of population	10.71	10.67	11.73	10.10	9.97	12.01	—	—	—	—	—	—	—	—	—	—	
Causes of Death—																	
I.	(A) Epidemic General Diseases	213	208	323	179	188	670	378	292	18	49	93	319	139	46	6	—
	(B) Other General Diseases	886	1,014	950	980	952	1,062	524	538	11	16	66	286	290	362	31	—
II. to IX. Local Diseases		2,437	2,340	2,626	2,100	2,123	2,522	1,279	1,243	299	146	111	367	498	865	236	—
X. Malformations .....		64	59	52	71	55	64	36	28	55	7	2	—	—	—	—	—
XI. Infancy, Diseases peculiar to		372	330	347	283	309	315	178	137	315	—	—	—	—	—	—	—
XII. Old Age .....		360	393	456	400	409	449	238	211	—	—	—	—	2	188	259	—
XIII. External Causes (Violence, &c.)		317	267	245	288	273	294	232	62	10	24	41	88	75	45	11	—
XIV. Ill-defined Diseases or Causes.		64	83	78	64	81	99	62	37	—	1	7	9	50	32	—	—

No. 17 —RETURN showing the Births and Deaths Registered in the Corporate Towns specified in the Year 1919.

Corporate Towns.	Estimated Mean Population.	Registered during Year.			The Deaths Registered in the Year include Deaths from—										Birth and Death Rates per 1,000 living.	
		Births.	Deaths.		Measles	Scarlet Fever.	Diphtheria and Croup.	Whooping Cough.	Typhoid Fever.	Diarrhea and Dysentery.	Diseases of Respiratory System.	Tuberculosis of Lungs.	Diseases of Circulatory System.	Births.	Deaths.	
			Total	Under One Year.												
Adelaide .....	41,902	961	1,324	80	2	4	38	—	2	44	110	111	126	22.93	31.60	
Hindmarsh .....	12,195	271	107	15	—	—	1	—	—	4	13	14	13	22.22	8.77	
Thebarton .....	13,222	284	92	14	—	—	—	—	—	6	8	5	10	21.48	6.96	
Port Adelaide .....	30,480	775	261	33	—	1	2	2	—	19	31	21	37	25.43	8.56	
Henley and Grange .....	3,288	27	19	—	—	1	1	—	—	—	3	—	—	8.21	5.78	
Glenelg .....	7,107	93	65	7	1	—	1	—	—	1	6	2	11	13.09	9.29	
Brighton .....	2,191	32	23	2	—	—	—	—	—	5	2	—	1	14.61	10.50	
Unley .....	32,585	589	301	29	—	—	—	—	1	6	19	26	38	18.08	9.24	
St. Peters .....	10,826	235	109	10	—	—	2	—	1	6	13	9	15	21.71	10.07	
Kensington and Norwood....	14,201	375	158	12	—	—	6	—	—	7	17	7	23	26.41	11.13	
Gawler .....	1,988	149	41	5	1	—	—	—	—	1	5	—	9	74.95	20.62	
Kapunda .....	1,469	107	49	12	—	—	1	—	—	8	4	—	2	72.84	33.36	
Burra .....	1,866	97	49	5	—	—	—	—	1	1	10	2	11	51.98	26.26	
Clare .....	830	52	14	2	—	—	—	—	1	—	1	—	2	62.65	16.87	
Jamestown .....	1,358	97	33	2	—	—	—	—	1	1	3	—	6	71.43	24.30	
Port Augusta .....	1,476	67	18	4	—	—	—	—	—	2	1	1	2	45.39	12.20	
Port Pirie .....	13,000	444	219	63	1	—	2	2	10	41	20	5	6	34.15	16.85	
Kadina .....	2,703	146	56	10	—	—	2	—	—	2	9	1	9	54.01	20.72	
Moonta .....	1,347	128	44	6	—	—	—	—	—	4	9	5	6	95.03	32.66	
Wallaroo.....	3,461	127	72	11	—	—	—	—	1	6	10	5	5	36.69	20.80	
Goolwa .....	633	13	8	1	—	—	—	—	—	—	—	—	—	20.54	12.64	
Strathalbyn .....	1,061	43	18	2	—	—	—	—	—	1	1	1	3	40.53	16.97	
Mount Gambier .....	3,460	176	73	7	—	—	—	—	—	2	12	1	9	50.87	21.10	
Peterborough .....	2,481	94	23	6	—	—	—	—	—	2	4	—	2	37.89	9.27	

Years 1918 and 1919.

No. 19.



No. 18.—RETURN showing the Total Number of Deaths in South Australia from each Cause, during the Years 1918 and 1919—continued.

Causes of Death.	1918.			1919.		
	M.	F.	Total.	M.	F.	Total.
<b>II.—Diseases of Nervous System and of Organs of Special Sense—continued.</b>						
73 Neuralgia and neuritis .....	5	2	7	2	1	3
74 Other diseases of nervous system .....	12	9	21	12	8	20
75 Diseases of the eyes and their annexa .....	—	—	—	—	—	—
76 Diseases of the ears .....	2	3	5	2	—	2
Total .....	236	193	429	242	214	456
<b>III.—Diseases of Circulatory System.</b>						
77 Pericarditis .....	2	—	2	3	3	6
78 Acute endocarditis .....	6	3	9	8	14	22
79 Organic diseases of the heart .....	292	244	536	250	258	508
80 Angina pectoris .....	7	7	14	15	4	19
81 Dis. of arteries, atheroma, aneurism, &c. ....	18	7	25	32	6	38
82 Embolism and thrombosis .....	12	12	24	15	19	34
83 Diseases of veins (varices, hæmorrhoids, phlebitis, &c.) .....	—	—	—	—	—	—
84 Dis. of lymphatic systm.—lymphangitis, &c. ....	1	1	2	3	2	5
85 Hæmorrhages, other diseases of circulatory system .....	4	—	4	3	—	3
Total .....	342	274	616	329	306	635
<b>IV.—Diseases of Respiratory System.</b>						
86 Diseases of nasal fossæ .....	1	—	1	—	—	—
87 Diseases of larynx .....	3	1	4	4	4	8
88 Diseases of thyroid body .....	2	5	7	2	5	7
89 Acute bronchitis .....	29	23	52	14	20	34
90 Chronic bronchitis .....	37	34	71	44	59	103
91 Broncho-pneumonia .....	25	34	59	47	38	85
92 Pneumonia .....	82	68	150	152	129	281
93 Pleurisy .....	10	8	18	4	10	14
94 Pulmonary congestion, pulmonary apoplexy .....	5	6	11	13	6	19
95 Gangrene of lung .....	1	—	1	—	—	—
96 Asthma .....	11	2	13	5	7	12
97 Pulmonary emphysema .....	1	—	1	2	—	2
98 Other diseases of respiratory system, except phthisis .....	6	4	10	5	2	7
Total .....	213	185	398	292	280	572
<b>V.—Diseases of Digestive System.</b>						
99 Diseases of mouth and its annexa .....	—	1	1	1	—	1
100 Diseases of pharynx .....	2	3	5	4	5	9
101 Diseases of œsophagus .....	2	1	3	—	1	1
102 Ulcer of stomach .....	7	5	12	10	5	15
103 Other diseases of stomach, except cancer .....	5	5	10	5	7	12
104 Diarrhoea and enteritis (under 2 years) .....	65	59	124	126	119	245
105 Diarrhoea and enteritis (2 years and over) .....	23	26	49	34	44	78
106 Ankylostomiasis .....	—	—	—	—	—	—
107 Intestinal parasites .....	—	—	—	—	—	—
108 Appendicitis and typhlitis .....	25	10	35	21	20	41
109 Hernias, intestinal obstructions .....	21	23	44	20	23	43
110 Other diseases of intestines .....	2	2	4	2	1	3
111 Acute yellow atrophy of liver .....	—	—	—	—	—	—
112 Hydatid tumors of liver .....	2	2	4	5	4	9
113 Cirrhosis of liver .....	14	4	18	15	10	25
114 Biliary calculi .....	3	13	16	2	10	12
115 Other diseases of liver .....	1	9	10	4	6	10
116 Diseases of the spleen .....	1	—	1	—	1	1
117 Simple peritonitis (non-puerperal) .....	3	9	12	5	7	12
118 Other diseases of digestive system, except cancer and tuberculosis .....	2	1	3	1	4	5
Total .....	178	173	351	255	267	522
<b>VI.—Diseases of Genito-Urinary System and Annexa.</b>						
119 Acute nephritis .....	8	2	10	2	5	7
120 Bright's disease .....	123	69	192	108	77	185
121 Chyluria .....	—	—	—	—	—	—
122 Other diseases of kidneys and their annexa .....	5	2	7	9	7	16
123 Calculi of the urinary passages .....	1	1	2	4	—	4
124 Diseases of the bladder .....	10	3	13	14	—	14
125 Diseases of the urethra, urinary abscess, &c. ....	3	—	3	3	—	3
126 Diseases of prostate .....	16	—	16	10	—	10
127 Non-venerial disease of male genital organs .....	—	—	—	—	—	—
128 Uterine hæmorrhage (non-puerperal) .....	—	—	—	—	2	2
129 Uterine tumor (non-cancerous) .....	—	5	5	—	5	5
130 Other diseases of uterus .....	—	2	2	—	6	6
131 Cysts and other tumors of ovary .....	—	4	4	—	1	1
132 Salpingitis and diseases of female genital organs .....	—	4	4	—	3	3
133 Non-puerperal disease of breast, except cancer .....	—	—	—	—	—	—
Total .....	166	92	258	150	106	256

No. 18.—RETURN showing the Total Number of Deaths in South Australia from each Cause, during the Years 1918 and 1919—*continued*.

Causes of Death.	1918.			1919.		
	M.	F.	Total.	M.	F.	Total.
<b>VII.—Puerperal State.</b>						
134 Accidents of pregnancy .....	—	7	7	—	10	10
135 Puerperal hæmorrhage .....	—	3	3	—	9	9
136 Other accidents of labor .....	—	5	5	—	7	7
137 Puerperal septicæmia .....	—	12	12	—	12	12
138 Puerperal albuminuria and convulsions .....	—	14	14	—	17	17
139 Puerperal phlegmasia alba dolens, embolus, sudden death .....	—	3	3	—	—	—
140 Following childbirth (not otherwise defined) .....	—	—	—	—	—	—
141 Puerperal diseases of the breast .....	—	—	—	—	—	—
Total .....	—	44	44	—	55	55
<b>VIII.—Diseases of Skin and Cellular Tissue.</b>						
142 Gangrene .....	5	5	10	2	5	7
143 Furuncle .....	1	—	1	—	1	1
144 Acute abscess .....	1	3	4	3	5	8
145 Other diseases of the skin and its annexa .....	2	2	4	—	3	3
Total .....	9	10	19	5	14	19
<b>IX.—Diseases of Organs of Locomotion.</b>						
146 Diseases of bones (tuberculosis excepted) .....	6	2	8	6	—	6
147 Diseases of joints, except tuberculosis and rheumatism .....	—	—	—	—	1	1
148 Amputation .....	—	—	—	—	—	—
149 Other diseases of organs of locomotion .....	—	—	—	—	—	—
Total .....	6	2	8	6	1	7
<b>X.—Malformation.</b>						
150 Congenital malformations .....	34	21	55	36	28	64
<b>XI.—Diseases of Early Infancy.</b>						
151 { Congenital debility, icterus and sclerema .....	63	33	96	71	37	108
151 { Premature birth .....	96	76	172	91	87	178
152 Other diseases peculiar to early infancy .....	24	15	39	16	13	29
153 Lack of care .....	1	1	2	—	—	—
Total .....	184	125	309	178	137	315
<b>XII.—Old Age.</b>						
154 Senility .....	214	195	409	238	211	449
<b>XIII.—External Causes.</b>						
155 Suicide by poison .....	1	6	7	7	1	8
156 Suicide by asphyxia .....	—	—	—	—	—	—
157 Suicide by hanging or strangulation .....	3	2	5	8	2	10
158 Suicide by drowning .....	4	—	4	2	—	2
159 Suicide by firearms .....	15	2	17	11	1	12
160 Suicide by cutting or piercing instruments .....	13	—	13	5	1	6
161 Suicide by jumping from high places .....	—	—	—	1	—	1
162 Suicide by crushing .....	1	—	1	—	—	—
163 Other suicides .....	1	—	1	—	—	—
164 Poisoning by food .....	3	—	3	2	—	2
165 Other acute poisonings .....	3	1	4	1	1	2
166 Conflagration .....	—	—	—	1	—	1
167 Burns (conflagration excepted) .....	12	15	27	14	13	27
168 Absorption of deleterious gases .....	3	—	3	1	2	3
169 Accidental drowning .....	35	5	40	42	8	50
170 Traumatism by firearms .....	9	1	10	6	1	7
171 Traumatism by cutting or piercing instruments .....	2	—	2	—	—	—
172 Traumatism by fall .....	26	12	38	37	10	47
173 Traumatism in mines and quarries .....	3	—	3	2	—	2
174 Traumatism by machines .....	3	—	3	2	—	2
175 Traumatism by other crushing .....	54	6	60	64	13	77
176 Injuries by animals .....	7	1	8	5	—	5
177 Starvation .....	—	—	—	1	—	1
178 Excessive cold .....	—	—	—	—	—	—
179 Effects of heat .....	2	6	8	5	2	7
180 Lightning .....	—	—	—	—	—	—
181 Electricity (lightning excepted) .....	1	—	1	—	—	—
182 Homicide by firearms .....	3	—	3	2	—	2
183 Homicide by cutting or piercing instruments .....	—	—	—	—	—	—
184 Homicide by other means .....	4	—	4	4	4	8
185 Fractures (cause not specified) .....	—	—	—	—	—	—
186 Other external violence .....	6	2	8	9	3	12
Total .....	214	59	273	232	62	294
<b>XIV.—Ill-defined Diseases.</b>						
187 Ill-defined organic disease .....	1	—	1	—	1	1
188 Sudden death .....	—	4	4	2	2	4
189 Cause of death not specified or ill-defined .....	52	24	76	60	34	94
Total .....	53	28	81	62	37	99
All Causes .....	2,430	1,960	4,390	2,927	2,548	5,475



No. 19.—COMPARATIVE RETURN showing the number of Deaths Registered in South Australia from each of the undermentioned Causes in 1919, arranged in Order of Fatality, and each Corresponding Number in 1918.

Order of Fatality.	Causes of Death.	1919.			1918.
		Total.	Under 5 years.	5 years and above.	
1	Influenza .....	532	12	520	47
2	Organic disease of the heart .....	508	—	508	536
3	Senility .....	449	—	449	409
4	Cancer .....	438	2	436	378
5	Tuberculosis (all forms) .....	401	15	386	370
6	Pneumonia and broncho-pneumonia .....	366	83	283	209
7	Diarrhoea, &c. ....	323	260	63	173
8	Premature birth and infantile debility, &c. ....	315	315	—	309
9	Cerebral hæmorrhage .....	253	—	253	179
10	Bright's disease .....	185	1	184	192
11	Bronchitis .....	137	24	113	123
12	Accidental traumatism (falls, crushing, firearms, &c.) .....	135	6	129	116
13	Diphtheria .....	82	33	49	86
14	Diabetes .....	71	1	70	72
15	Congenital malformations .....	64	62	2	55
16	Puerperal diseases and accidents .....	55	—	55	44
17	Other diseases of the nervous system .....	52	3	49	28
18	Drowning (accidental) .....	50	4	46	40
19	Hernias, &c. ....	43	6	37	44
20	Appendicitis, &c. ....	41	—	41	35
21	Other general diseases .....	41	4	37	39
22	Suicide .....	39	—	39	48
23	Paralysis .....	38	2	36	44
24	Rheumatism .....	38	—	38	23
25	Diseases of the arteries, &c. ....	38	—	38	25
26	Other diseases of the spinal cord .....	37	2	35	31
27	Anæmia .....	34	—	34	35
28	Embolism .....	34	—	34	24
29	Meningitis (including cerebro-spinal—6   4   2) .....	31	19	12	38
30	Other diseases of the liver .....	31	—	31	30
31	Burns (accident) .....	28	12	16	27
32	Other external violence .....	28	8	20	28
33	Cirrhosis of liver .....	25	—	25	18
34	Other diseases of the respiratory system .....	24	6	18	24
35	Other diseases of genito-urinary system .....	24	—	24	20
36	Epilepsy .....	23	3	20	23
37	Acute endocarditis .....	22	1	21	9
38	Convulsions .....	22	17	5	32
39	Congestion of the lungs .....	19	1	18	11
40	Angina pectoris .....	19	—	19	14
41	Diseases of the skin, &c. ....	19	1	18	19
42	Typhoid fever .....	17	1	16	9
43	Other diseases of the kidneys .....	16	—	16	7
44	Ulcer of stomach .....	15	—	15	12
45	Diseases of the bladder .....	14	1	13	13
46	Hæmorrhage, &c. ....	14	4	10	7
47	Pleurisy .....	14	1	13	18
48	Alcoholism .....	13	—	13	10
49	Leuchaemia .....	13	3	10	9
50	Tetanus .....	13	2	11	16
51	Asthma .....	12	—	12	13
52	Diseases of stomach .....	12	2	10	10
53	Simple peritonitis .....	12	2	10	12
54	Other diseases of the digestive system .....	11	1	10	12
55	Whooping cough .....	11	11	—	5
56	Diseases of the prostate .....	10	—	10	16
57	Homicides .....	10	3	7	7
58	Diseases of the pharynx .....	9	4	5	5
59	Measles .....	9	7	2	1
60	Scarlet fever .....	8	1	7	9
61	Dysentery .....	7	2	5	19
62	Acute nephritis .....	7	1	6	10
63	Diseases of the bones (non-tuberculous, &c.) .....	7	—	7	8
64	Poisoning by food and other acute poisoning .....	4	1	3	7
65	Erysipelas .....	3	—	3	9
66	Malaria .....	1	—	1	1
67	Ill-defined diseases .....	99	1	98	81

No. 20.—RETURN showing the Number of Persons who committed Suicide in South Australia during the Year 1919.

		Cause of Death.												Total.		
		Wounds.				Poisoning.		Drowning.		Hanging.		Otherwise.				
		Gunshot.		Cut, Stab, &c.												
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Total.
Metropolitan	City of Adelaide .....	3	—	3	—	3	1	—	—	—	—	1	—	10	1	11
	Suburbs “ .....	3	—	—	1	2	—	—	—	3	2	—	—	8	3	11
Extra-Metropolitan .....		5	1	2	—	2	—	2	—	5	—	—	—	16	1	17
Total .....		11	1	5	1	7	1	2	—	8	2	1	—	34	5	39

No. 21.—RETURN showing the Ages of Persons who committed Suicide in South Australia during the Year 1919.

		Ages.																											
		Under 25 years.		25-		30-		35-		40-		45-		50-		55-		60-		65-		70-		75 and Upwards.		Totals.			
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total.	
Metropolitan	City of Adelaide .....	—	—	—	—	2	—	2	—	2	—	I	I	—	—	—	—	2	—	I	—	—	—	—	—	—	10	I	11
	Suburbs “ .....	—	—	I	I	I	—	I	—	I	—	—	—	2	—	—	I	—	—	I	I	—	—	I	—	8	3	11	
Extra-Metropolitan .....		I	—	I	—	I	—	I	—	I	—	3	—	2	—	2	I	I	—	2	—	—	—	I	—	16	I	17	
Total .....		I	—	2	I	4	—	4	—	4	—	4	I	4	—	2	2	3	—	4	I	—	—	2	—	34	5	39	



No. 22.—DECENNIAL RETURN showing the Number of Persons who committed Suicide in South Australia.

Year.	Totals.	Males.	Females.
1910 .....	28	22	6
1911 .....	34	32	2
1912 .....	51	45	6
1913 .....	45	35	10
1914 .....	48	41	7
1915 .....	42	38	4
1916 .....	48	42	6
1917 .....	36	32	4
1918 .....	48	38	10
1919 .....	39	34	5

No. 23.—DECENNIAL RETURN showing the Number of Deaths in Public Institutions in South Australia.

Name of Institution.	1910.	1911.	1912.	1913.	1914.	1915.	1916.	1917.	1918.	1919.
HOSPITALS—										
Adelaide Hospital .....	332	349	330	388	377	478	450	349	423	405
Consumptive Home .....	77	68	85	79	101	97	127	103	95	97
Mount Gambier Hospital .....	17	14	12	25	20	26	21	23	20	29
Port Adelaide Casualty Hospital .....	7	7	3	4	4	8	2	4	—	1
Port Augusta Hospital .....	31	23	28	28	51	31	42	40	27	43
Port Lincoln Hospital .....	7	7	4	4	4	11	11	2	5	9
Walleroo Hospital .....	17	29	25	17	28	26	16	20	25	34
Clare Casualty Hospital .....	—	1	1	—	—	—	1	1	—	2
Port Pirie Hospital .....	26	20	32	44	50	43	40	58	56	72
“Mareeba” Babies’ Hospital .....	—	—	—	—	—	—	—	19	34	98
Bedford Park Sanatorium .....	—	—	—	—	—	—	—	4	8	12
MENTAL HOSPITAL—										
Parkside .....	92	88	122	110	130	89	124	111	131	94
DESTITUTE—										
*Destitute Asylum and Magill Home .....	53	83	66	82	70	51	66	56	53	68
*Lying-in Department .....	1	1	5	3	—	1	1	—	—	—
State Children’s } Industrial Schools, &c. ....	5	8	6	—	—	1	—	2	—	—
Department } Boarded out .....	4	2	2	—	2	—	2	—	—	2
GAOLS AND PENAL ESTABLISHMENTS—										
Adelaide Gaol .....	3½	—	1	—	1	—	—	1	—	†2
Gladstone Gaol .....	—	—	—	—	—	—	—	—	2	1
Mount Gambier Gaol .....	—	—	1	—	—	—	—	—	—	—
Port Augusta Gaol .....	—	—	—	—	—	—	—	—	—	—
Port Lincoln Gaol .....	—	—	—	—	—	—	—	—	—	—
Walleroo Gaol .....	—	—	—	—	—	—	—	—	1	—
Yatala Labor Prison .....	—	—	—	—	1	—	—	—	—	—

\* Including children.

‡ Executed.

† 1 Executed.